



My SmartBaby User Guide/ Instruction Manual

The Control Panel - The Mobile App - Assistance

The information presented in this document will help you understand how to use and care for your My SmartBaby. The guide has been designed for the Owner/Instructors and any technical team.



My SmartBaby is made in partnership with Inercitec, Technology Labs S.A. de C.V.

Table of Contents

Contents

<i>Table of Contents</i>	0
	2
1. INTRODUCTION	3
1.1 CPU AT A GLANCE	5
1.2 WEB PANEL AT A GLANCE	5
1.3 MOBILE APPS AT A GLANCE	6
1.4 ACCESSORIES AT A GLANCE	6
1.5 ANATOMICAL MODEL AT A GLANCE	7
2. WiFi	8
2.1 WIFI CONNECTIVITY MODES	8
2.2 ACCESS POINT / default	9
2.3 STATION / advanced only	9
2.4 Station Mode warnings	11
3. FIRST STEP: Set up	12
3.1 UNBOXING	12
3.2 REGISTERING THE PRODUCT	14
3.3 QR CODES	19
4. ISS App	20
4.1 APP SECTIONS	21
4.2 OWNER'S MENU	23
4.3 INSTRUCTOR'S MENU	25
4.4 STUDENT'S MENU	27
4.5 GUEST	30
5. HOW TO USE THE APP AS Owner	31
5.1 HOW TO CREATE MY OWNER ACCOUNT	31
5.2 HOW TO LOGIN	32
5.3 HOW TO REGISTER MORE SIMULATORS	32
5.4 HOW TO CREATE INSTRUCTOR ACCOUNTS	34
5.5 HOW TO CANCEL AN INSTRUCTOR ACCOUNT	35
6. HOW TO USE THE APP AS INSTRUCTOR	36
6.1 HOW TO CREATE STUDENT ACCOUNTS 6.2	36
HOW TO CANCEL A STUDENT ACCOUNT 6.3	37
HOW TO ASSIGN SIMULATORS TO STUDENTS 6.4	38
HOW TO REASSIGN SIMULATORS	40
6.5 HOW TO ASSESS STUDENTS	42

6.6 HOW TO SEND FEEDBACK TO STUDENTS	44
6.7 HOW TO CONSULT STUDENTS' LOGBOOK AND BUDGET	45
7. CONNECTIVITY	46
7.1 HOW TO POWER ON/OFF THE SIMULATOR	46
7.2 HOW TO CONNECT WITH SIMULATORS	47
7.3 SIMULATORS MENU	49
7.4 HOW TO SWITCH TO "STATION" MODE	51
7.5 HOW TO SWITCH TO "ACCESS POINT" MODE	52
8. SETTING UP A SIMULATION	55
8.1 HOW TO START A NEW SIMULATION	55
8.2 HOW TO FINISH A SIMULATION	56
8.3 HOW TO DOWNLOAD SIMULATION DATA	57
8.4 HOW TO TEST FUNCTIONS	58
8.5 HOW TO VERIFY ACCESSORIES	59
8.6 HOW TO REGISTER ACCESSORIES	60
8.7 HOW TO MODIFY SIMULATION SETTINGS	62
9. HOW TO USE THE APP AS A STUDENT	65
9.1 HOW TO LOG IN	65
9.2 HOW TO MODIFY PROFILE	65
9.3 HOW TO USE THE LOGBOOK	66
9.4 HOW TO CONSULT RESULTS	68
9.5 HOW TO SUBMIT QUIZZES	69
9.6 HOW TO SUBMIT BUDGET	70
10. WEB PANEL	72
10.1 HOW TO LOGIN	72
10.2 WEB PANEL SECTIONS	72
10.3 HOW TO CONSULT PROFILE	74
10.4 HOW TO CREATE USERS	75
10.5 HOW TO EDIT USERS	76
10.6 HOW TO DELETE USERS	78
10.7 HOW TO RESET PASSWORDS	79
10.8 RESOURCES	80
10.9 SIMULATORS/DEVICES LIST	80
10.10 CALIBRATION CODE	82
10.11 HOW TO EDIT STUDENT ASSESSMENTS	83
11. SIMULATION	85
11.1 SIMULATION TIME	85
11.2 SIMULATION DYNAMICS	86

11.3 FEEDING / FOOD	88
11.4 DIAPER / NAPPY	89
11.5 ROCKING	90
11.6 MEDICINE	91
11.7 TOY	92
11.8 FOULS / MISTREATMENTS	94
12. MANUAL/OFFLINE SETTINGS	95
12.1 ENABLE/DISABLE OFFLINE SETTINGS	97
12.2 HOW TO START A SIMULATION Offline	98
12.3 HOW TO FINISH A SIMULATION Offline	99
12.4 TURN WIFI MODULE OFF Offline	101
13. BATTERY	102
13.1 BATTERY PERFORMANCE	102
13.2 CHARGING BATTERY	103
13.3 Battery Lifespan	104
13.4 Battery Replacement	105
14. MAINTENANCE	106
14.1 SIMULATOR LIFESPAN	106
14.2 HOW TO CALIBRATE THE SIMULATOR	107
15. WiFi FIRMWARE UPDATE	111
15.1 HOW TO VERIFY FIRMWARE VERSION	111
15.2 HOW TO UPDATE FIRMWARE	113
16. TROUBLESHOOTING	116
17. WARRANTY	117

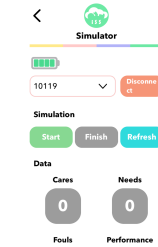
1. INTRODUCTION

The My SmartBaby is most often used for infant care training programs and for teenage pregnancy prevention programs.

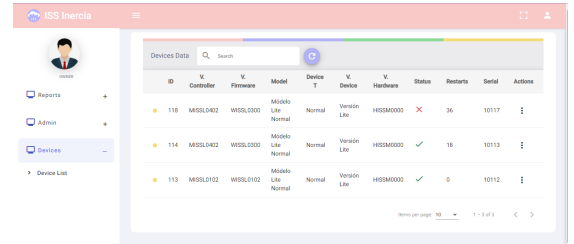
The My SmartBaby consists of 3 core modules plus 2 complementary modules. The Core modules are: (a) Central Processing Unit (CPU), (b) Mobile/Cell/Tablet App and (c) Web Panel.



CPU



MOBILE APPS



WEB PANEL

The complementary modules are: (d) Realistic weighted baby and (e) Set of accessories: feeding bottle, medicine bottle, toy, on/off key, instructor key, parent tags and diapers x 2.



Weighted Baby



Set of accessories



The My SmartBaby has its own WiFi system that connects to the mobile apps you download onto a cell/mobile phone or Ipad/tablet. The My SmartBaby has a sensor in the lower chest that detects the accessories.

The main features of our My SmartBaby are as follows:

- Parent/Student Recognition
 - Only the parent/student can attend to the simulator's needs using their parent tag, clipped to their wrist.
- Food/Feeding
 - The My SmartBaby will detect the baby bottle (sensor at bottom of the bottle).
- Burping
 - The My SmartBaby can detect parent tapping the baby on its back and when rocked on the shoulder.

CPU Settings

- Diapers
 - The My SmartBaby has two diapers and is able to separately detect each individual diaper/nappy. The sensor is at the front of the diaper.
- Rocking
 - The My SmartBaby detects soothing rocking motions.
 - The My SmartBaby is able to detect gentle/soothing taps/pats to back.
- Medicine
 - The My SmartBaby is able to simulate a young child feeling unwell/ill.
 - The medicine (in the medicine bottle) is to show that a medicine prescribed by a healthcare professional can help to soothe a baby.
- Toy
 - The My SmartBaby like any other baby needs to learn through play. The My SmartBaby therefore is able to cry/want attention for a toy.
- Fouls/Mistreatment
 - Importantly, the My SmartBaby can detect if it is being mishandled/impacted or shaken.
- Touch-less Accessories Interface
 - Parent tag (bracelet or key) - Which securely clips to the students' wrist
 - Baby bottle (sensor at bottom)
 - Diaper 1 (sensor sewn at front top of diaper/nappy)
 - Diaper 2 (sensor sewn at front top of diaper/nappy)
 - Medicine bottle (sensor at bottom of bottle)
 - Toy (sensor secured to one side of the rattle)
 - Emergency Instructor tag/key (used only on special occasions)
- On/Off switch - Enables only a teacher to turn the My SmartBaby on and off.
- Abuse detection
 - Impacts or hits
- Long Life rechargeable battery.
- 0-48 hrs simulation - giving a real world experience for 2 days.
- WiFi Interface - making it easy for teachers/students to connect to their My SmartBaby.
- Web Apps
 - Instructor + Owners - To see results/set the My SmartBaby/Test, etc.
 - Students/Caretakers - Have a more limited access but also have additional interactions through a quiz and budget section.
- Web Platform
 - This is for management of the My SmartBaby(s).
- Offline Manual Configuration
 - Settings via tags
- High Quality Audio
 - Wide variety of crying and sound effects (some become predictable)

1.1 The Computer Brain - The CPU

The Central Processing Unit represents the brain of the My SmartBaby, since it is in this unit where the simulation takes place, and it is the bridge for the software components of the system. The CPU is in charge of managing the whole simulation process and also it handles the Wifi connectivity with your mobile smart devices (cellphone/tablet/IPAD).

The CPU consists of 6 main modules: (a) Micro-controller Unit (MCU), (b) WiFi module, (c) Sensors, (d) Touch-less Accessories Reader, (e) Audio, and (f) Battery.



1.2 WEB PANEL AT A GLANCE

This is the cloud component of the software system. It is here where data is managed and stored. Only instructors and owners have access to this platform, since it is here where they can manage all available users. These authorized users are able to manage other users and edit their profiles.

The screenshot shows the 'ISS Inercia' web interface. On the left is a sidebar with a user profile (OWNER) and navigation options: Reports, Admin, and Devices (selected). The main content area displays a 'Devices Data' table with a search bar and a refresh button. The table contains three rows of device information.

ID	V. Controller	V. Firmware	Model	Device T	V. Device	V. Hardware	Status	Restarts	Serial	Actions
118	MISSL0402	WISSL0300	Módelo Lite Normal	Normal	Versión Lite	HISSM0000	✗	36	10117	⋮
114	MISSL0402	WISSL0300	Módelo Lite Normal	Normal	Versión Lite	HISSM0000	✓	18	10113	⋮
113	MISSL0102	WISSL0102	Módelo Lite Normal	Normal	Versión Lite	HISSM0000	✓	0	10112	⋮

At the bottom of the table, it shows 'Items per page: 10' and '1 - 3 of 3'.

Fig. 1.2 Web Panel



1.3 MOBILE APPS AT A GLANCE

All users are allowed to download the My SmartBaby App, called the Infant Simulation System ISS App. The content and interactivity will depend on the login credentials or user level; either **Owner, Instructor, Student, or Guest**. The Owner and instructor can have full access to the simulator; meanwhile students have different content and interactivity. The ISS Local WebApp can only be accessed by authorized users (instructor or Owner)

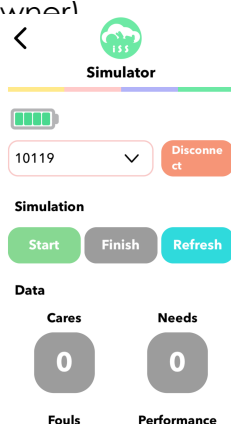


Fig. 1.3 Mobile Apps

1.4 ACCESSORIES AT A GLANCE

The set of touchless accessories complement the My SmartBaby by extending the interactivity with the Student. The set of accessories include parent key, baby bottle, two diapers, emergency instructor key, medicine bottle and a Toy. The student/Student can attend to the infant's needs by bringing up the accessories to the simulator's chest (reading zone), and by handling the infant simulator properly.



Fig. 1.4 Set of accessories

1.5 ANATOMICAL MODEL AT A GLANCE

The My SmartBaby mimics the basic anatomical characteristics of an infant at age of 0 to 3 months; being the average height of 20" (50 cm) and 50% of the weight of a 3-month old at approximately 2.5-2.75 kg (5-5.5lb). The baby is anatomically correct as a girl.



Fig. 1.5 Anatomical Model

IMPORTANT!

The accessories reading/detection zone is located by the simulator's chest. This means that students must place the accessory (where the sensor is located on that accessory) to the center of the chest, when the baby cries - has a need. As an aid, the t-shirt logo for the My SmartBaby is approximately the location of the detection zone.

2. WiFi - Connecting to your My SmartBaby

The My SmartBaby is unique to the market with an active WiFi connectivity. This means your My SmartBaby is compatible with both of the operating systems for mobile devices: iOS (Apple) and Android. The ISS software components offer different applications for interacting with the simulators.

2.1 WIFI CONNECTIVITY MODES

There are two ways to have your WiFi connectivity. The main way that you will use is called **Access Point (default)**. A second, known as a **Station, is only for advanced work**. Once the mobile device is connected with the CPU, either directly (access point) or indirectly (station), the user will be able to interact with the Apps.



Fig. 2.1a ACCESS POINT

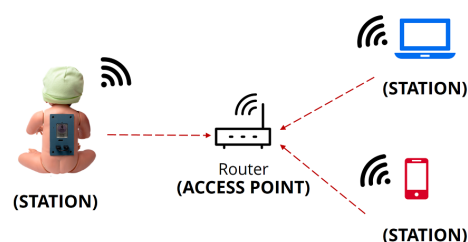


Fig. 2.1b STATION

When turning on a simulator, the Status LED indicator will tell you what mode the CPU is working in:



LED blinking three times every two seconds = Access Point mode.
 LED blinking every second = Station mode.
 LED blinking once every two seconds = WiFi OFF.
 LED permanently ON or OFF (more than 1 minute) = WiFi error.
 LED blinking rapidly permanently = WiFi error.





2.2 ACCESS POINT/Default

If the simulator is set as Access Point, it creates its own WiFi network, and nearby WiFi devices (smart phones/tablets) can connect to it. In this mode the authorized user can connect the mobile device to the simulator's network. [How to switch to access point mode.](#)

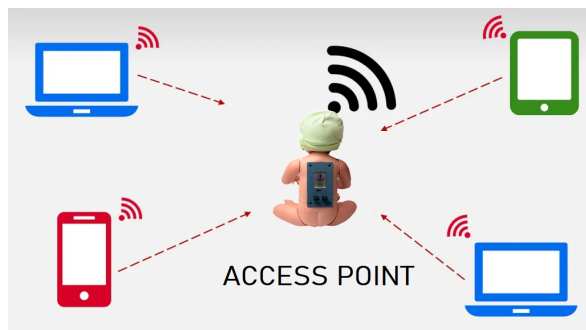


Fig. 2.2 Access Point Mode

In this mode, the CPU's indicator LED blinks three times every two seconds. As an Access Point, the CPU works as a WiFi network, meaning that any mobile device may scan and connect to this network, just like you would to any other wireless router (WiFi Network) or mobile HotSpot.



ACCESS POINT is the default connectivity mode, so every time your power on the simulator it will automatically enter into this mode.

2.3 STATION/Advanced Only

When the simulator is set as a WiFi station, it can be connected to other networks (like a local router). In this scenario, the router assigns a unique IP address (e.g. `http://192.168.12.34`) to the Simulator's CPU. The authorized users can communicate with the simulator using other devices (stations), such as a mobile device, that are also connected to the same network by referring to the simulator unique IP address. [How to switch to station mode.](#)



STATION mode is only for advanced settings, please contact our support team for additional guidance.

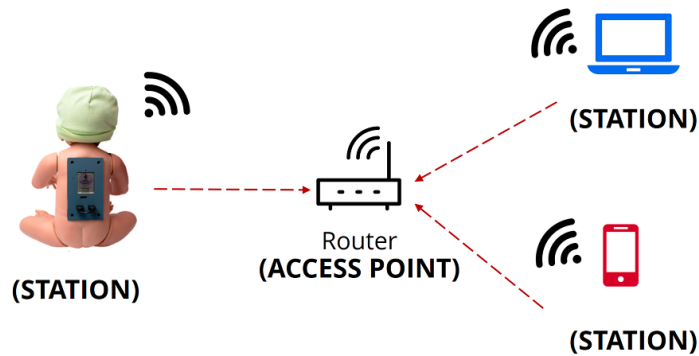


Fig. 2.3.1 STATION MODE

In this mode, the CPU's indicator LED blinks every second. As a Station, the CPU establishes a connection with the last WiFi network credentials saved in memory. In this mode, the authorized user must be connected to the same network, so that the mobile device can interact with the simulator.

In this mode, it is mandatory to have access to the internet in the network, since the CPU sends its keys to the cloud (web platform). If the CPU cannot send its keys to the cloud, the CPU automatically will disconnect from the local network and will enter into access point mode.



The CPU's WiFi module doesn't support segmented networks. Please ask your IT engineers if you are in a segmented Network.

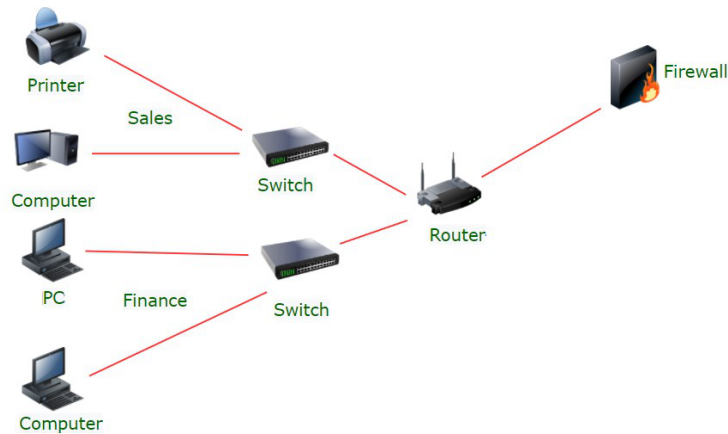


Fig. 2.3.2 Segmented network (not suitable for the ISS CPUs)

2.4 Station Mode Warnings

When the CPU is set as an Access Point the power consumption is higher, which may cause mistaken performances if the battery level is low. If the CPU is set as a Station, the power consumption is lower.

If the CPU is connected as Station to a local network, the CPU will automatically enter into Access Point mode under certain circumstances as stated below:


- a) Local network (WiFi Router) not found (e.g., mistaken Wifi credentials, poor signal or being far away from router).
- b) It is difficult enough to establish a connection as a Station (e.g., segmented networks).
- c) There might be internet accessibility issue(s).
- d) There might be some cloud/server (web platform) issues.












3. Step 1: Setting Up Your My SmartBaby

3.1 UNBOXING

Below you will find a full list of the items that will be presented in the My SmartBaby Box.

Qty.	ITEM	*Sample picture
1	Baby girl	
1	CPU attached in the back of the My SmartBaby	
1	Baby feeding bottle	
2	Diapers/nappies	
1	Parent ID	

CPU Settings

1	Emergency Instructor's key	
1	Medicine bottle	
1	Toy	
1	ON/OFF key	
1	Charger	
1	USB cable for charger	
1	Unique registration QR code included on the contents card. + Pass code (Firmware Updates)	
1	Warranty policy	
1	Quick start guide	
1	User Manual	Digital document



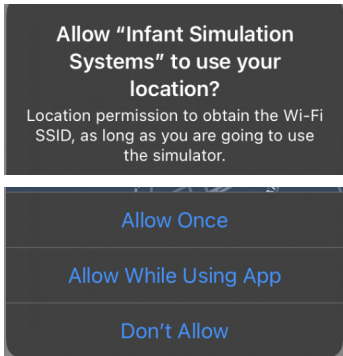
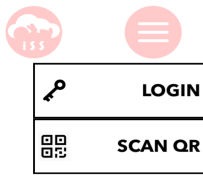
*Real items may differ from these pictures

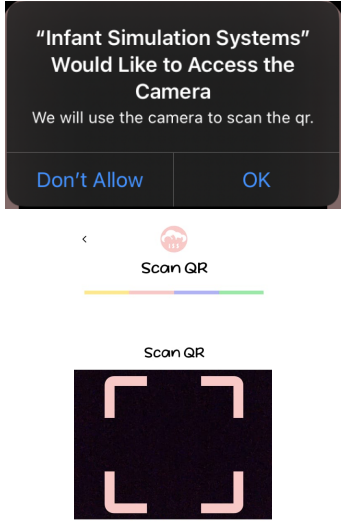
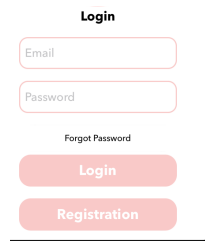
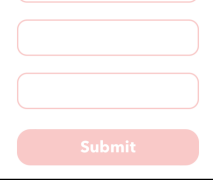
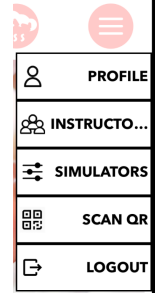



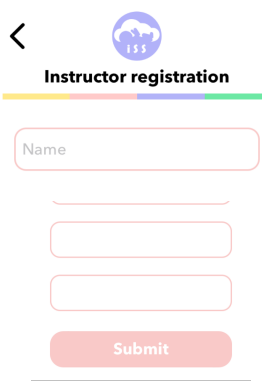

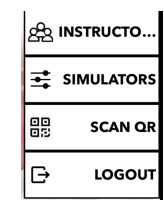
3.2 REGISTERING YOUR MY SMARTBABY



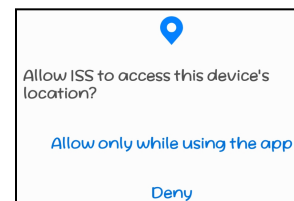
The first step is to register your new My SmartBaby. Each simulator has a unique serial number and a unique registration QR code. Only the owners will be able to register themselves as an institution or organization.

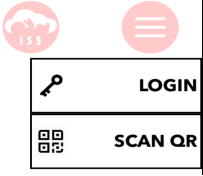
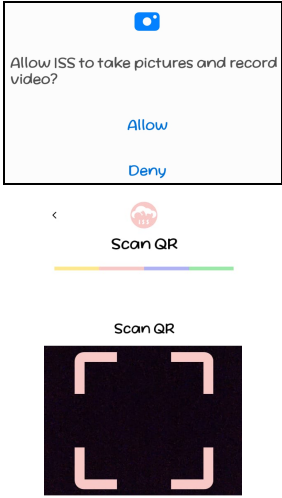
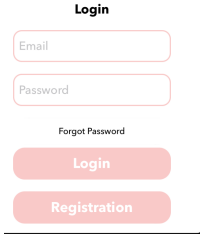
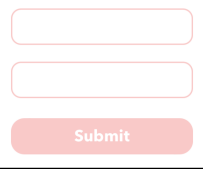
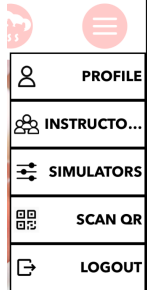
Any person will be able to download the App, however, **only owners will be able to create an Owner account.** This is for security reasons, as only authorized personnel should have access to the simulator's configuration menus while using the app.


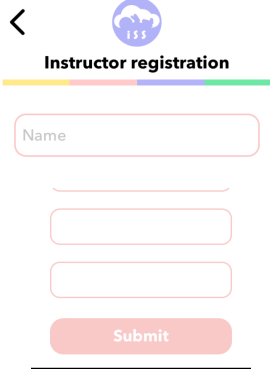

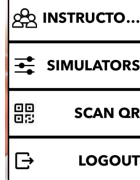
iOS 		
Step	DESCRIPTION	EXAMPLE
1	Download and install the Infant Simulation Software ISS - APP.	 iOS
	During this process, some permissions will be required, such as location; please Allow while using the app.	
2	Open the app. Next, open the main menu and tap on “Scan QR” .	

	<p>Allow the following permission, and scan the Unique registration QR code included on the contents card.</p>	 <p>The image shows two screenshots. The top one is a permission dialog box with the text: "Infant Simulation Systems" Would Like to Access the Camera. We will use the camera to scan the qr. It has "Don't Allow" and "OK" buttons. The bottom one is a QR scanner interface with a "Scan QR" label and a camera viewfinder.</p>
<p>3</p>	<p>Tap on "Registration" and create your institute (Owner) account.</p>	 <p>The image shows a login and registration form with fields for "Email" and "Password", a "Forgot Password" link, and "Login" and "Registration" buttons.</p>
	<p>Enter a valid email, we'll use this email for restoring your password in case you need it. Also, this will be your login email and password you submit.</p>	 <p>The image shows a password recovery form with two input fields and a "Submit" button.</p>
<p>4</p>	<p>Go back to the main menu and open the instructors menu.</p>	 <p>The image shows a sidebar menu with icons and labels for "PROFILE", "INSTRUCTORS", "SIMULATORS", "SCAN QR", and "LOGOUT".</p>
	<p>Tap on "+" and create the instructor account. With this account you can have full access to your simulator's, also they will be able to create student accounts. The instructor account is basically the manager of all resources.</p>	 <p>The image shows the main menu with a "Instructors" option highlighted in blue, accompanied by a plus sign icon.</p>

	<p>Enter a valid email. We'll use this email for restoring your password in case you need it. Also, this will be your instructor's login email and password you submit.</p>	
	<p>Your instructors will be listed in the instructors menu.</p>	
<p>5</p>	<p>Go back to the main menu and tap on “Logout”.</p>	

		
Step	DESCRIPTION	EXAMPLE
1	<p>Download and install the Infant Simulation Software ISS - APP.</p> <p>During this process, some permissions will be required, such as location; please Allow while using the app.</p>	 

<p>2</p>	<p>Open the app. Next, open the main menu and tap on “Scan QR”.</p>	
	<p>Allow the following permission, and scan the Unique registration QR code included on the contents card.</p>	
<p>3</p>	<p>Tap on “Registration” and create your institute (Owner) account.</p>	
	<p>Enter a valid email, we'll use this email for restoring your password in case you need it. Also, this will be your login email and password you submit.</p>	
<p>4</p>	<p>Go back to the main menu and open the instructors menu.</p>	

	<p>Tap on “+” and create the instructor account. With this account you can have full access to your simulators, also they will be able to create student accounts. The instructor account is basically the manager of all resources.</p>	
	<p>Enter a valid email, we'll use this email for restoring your password in case you need it. Also, this will be your instructor's login email and password you submit.</p>	
	<p>Your instructors will be listed in the instructors menu.</p>	
<p>5</p>	<p>Go back to the main menu and tap on “Logout”.</p>	

3.3 QR CODES

IMPORTANT!

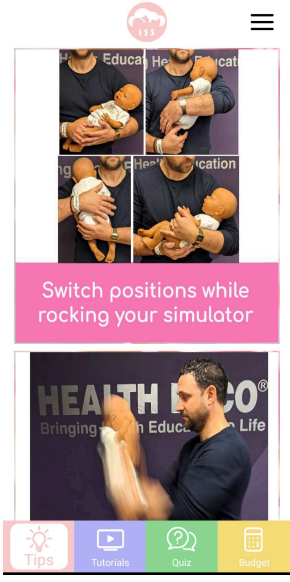
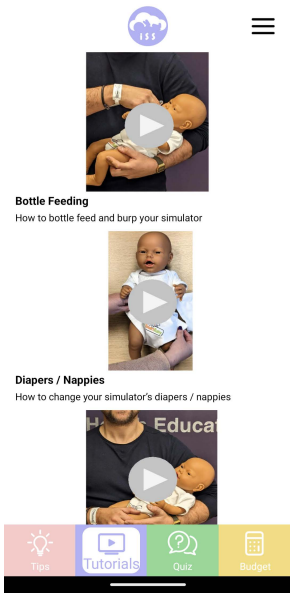
- Once you scan a unique QR code, it will be "burned", which means that you (and nobody else) will be able to re-scan it/use it to register that My SmartBaby again. This scanned code will be bonded to the institute (Owner) account you have just created. Please contact technical support if you experience complications while scanning QR codes.
- Your Institute (Owner) account will be valid for as many simulators you buy. You don't need to create a different Owner account for each simulator you buy; all you have to do is to scan each unique QR code for each simulator you have with your same Owner account. All simulators will be bonded to your institute account, and, at the same time, they will be inherited by your instructors, so they can manage all the resources.
- Only Owners are able to scan QR codes.



4. ISS/My SmartBaby App

Anyone with a smartphone is be able to download the App, however, only Owners will be able to create an Institute account. This is for security reasons, as only authorized personnel should have access to the simulator's configuration menus while using the app. There are four different user levels described below. Each user will play a different role while using the app.

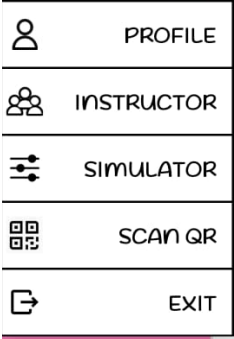
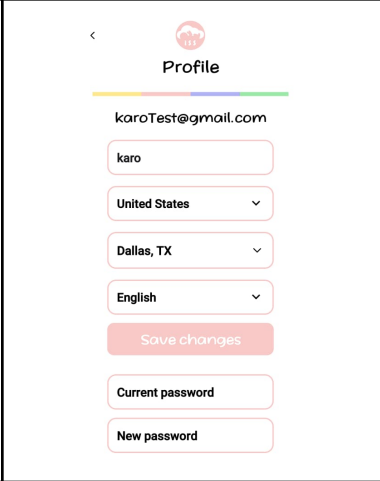

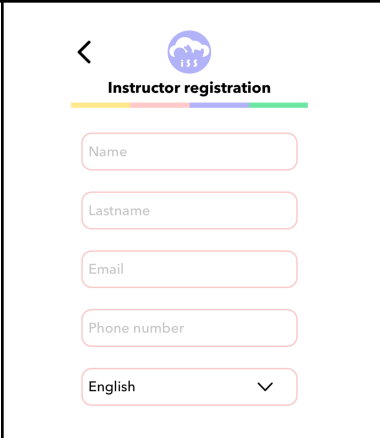
USER	DESCRIPTION	MAIN ROLES
OWNER	Also known as an Institute account. This account is on behalf of the institution or organization that acquired the simulators. All simulators registered by the Owner will can be used by instructors.	<ul style="list-style-type: none"> - Register new simulators - Create Instructors accounts
INSTRUCTOR	Instructors are the manager of all the resources, Instructors cannot create their own accounts; it is the Owner who creates their accounts. Instructors create their own dynamics for a project.	<ul style="list-style-type: none"> - Configure simulators - Create students' accounts - Assign simulators - Start/finish simulations - Get simulation results - Assess students
STUDENT	Students cannot create their own account. It is the Instructor who creates their account. The students may or may not be assigned a simulator it all depends on the instructor's plans.	<ul style="list-style-type: none"> - Answer quizzes - Fill the log book - Fill the budget calculator
GUEST	Anyone who downloads the app but does not have an account.	<ul style="list-style-type: none"> - Explore app

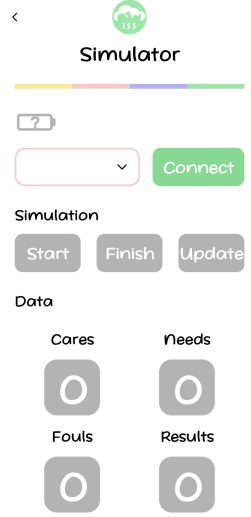
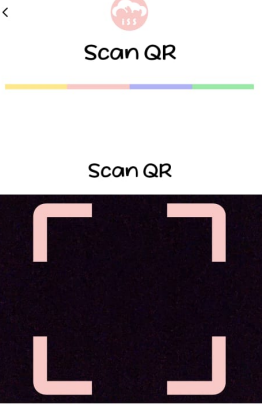
4.1 APP SECTIONS

SECTION	DESCRIPTION	SAMPLE
<p>TIPS</p>	<p>In this section users, will find tips about how to take proper care of the infant simulators.</p> <p>This information is specially designed for students who were assigned an infant simulator.</p> <p>All users may have access to this information.</p>	
<p>TUTORIALS</p>	<p>In this section users will find video tutorials about how to take proper care of the infant simulator. This information is specially designed for students who were assigned an infant simulator.</p> <p>Users must tap on the video tutorial to open the video; the content will be displayed on their screen.</p> <p>All users may have access to these contents.</p>	



















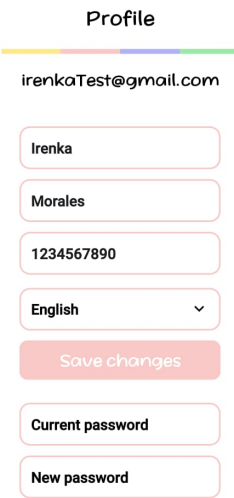


<p style="text-align: center;">QUIZ</p>	<p>In this section, users may answer a quiz. These quizzes are built in the app instructors cannot change the questions nor can they modify any content. This section is totally optional for instructors to assign to their students.</p> <p>By default, 10 sample questions will be displayed. Anyone can answer those questions however, the app will show only a result; this result cannot be submitted. Once a student is logged in, a new quiz is opened with random questions and answers. Logged in students can submit their results to their instructors. How to submit quizzes.</p> <p>Instructors can either activate this quiz for their students, or they can deactivate it. How to assess students.</p>	
<p style="text-align: center;">BUDGET</p>	<p>In this section, users may fill the budget calculator. These items are built in the app and the instructors cannot change the items, nor can they modify any content. This section is optional for instructors to assign to their students.</p> <p>Anyone can fill this section however the app will show only a result; this result cannot be submitted, nor can it be assessed. Only students with an account can answer the quiz, and submit their results to their instructors. How to submit budget.</p>	

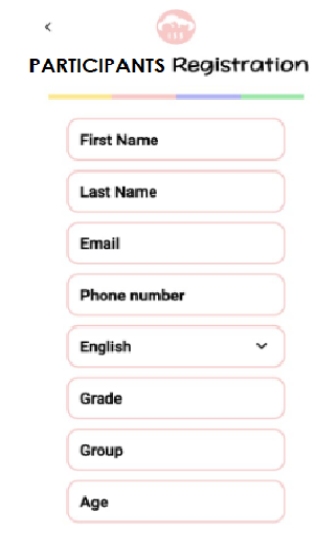


4.2 OWNER'S MENU

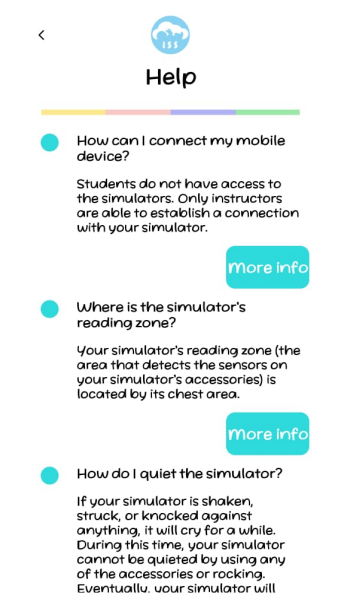
<div style="text-align: center;"> MENU  </div>		
PROFILE	<p>In this menu the Owner can modify her/his profile.</p>	
INSTRUCTOR	<p>In this menu the Owner can register/delete instructors.</p>	
	<p>Each Instructor will inherit the same simulators. Instructors are the managers of all resources. How to create instructors.</p>	

<p>SIMULATOR</p>	<p>In this menu, the Owner can test the simulators. How to connect with simulators.</p> <p>The Owner won't have access to settings or advanced options.</p>	
<p>SCAN QR</p>	<p>In this menu, the Owner can register additional simulators by scanning the unique QR code that each simulator has.</p> <p>Scanning for the first time will allow the user to create the institute (Owner) account. Please refer to section 3.2 Registering the product for creating an ISS account.</p>	
<p>EXIT</p>	<p>Here the user can logout.</p>	<p>N. A.</p>






4.3 INSTRUCTOR'S/TEACHER'S MENU

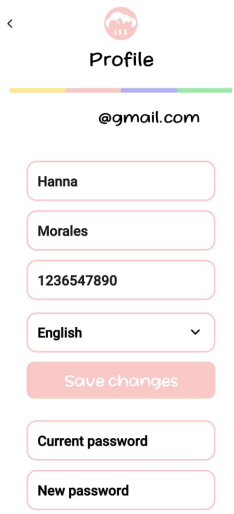
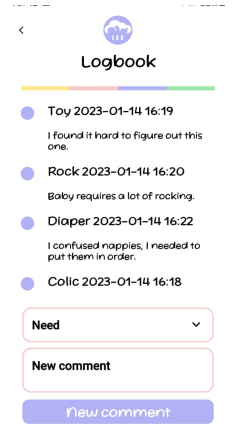
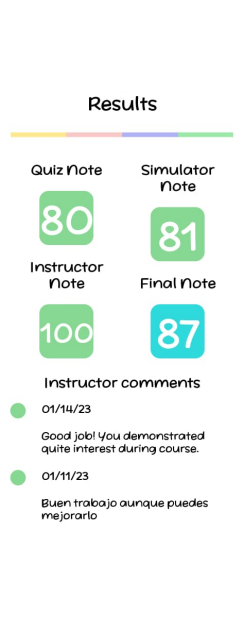
<p>MENU</p> <table border="1" style="margin: auto;"> <tr> <td></td> <td>PROFILE</td> </tr> <tr> <td></td> <td>PARTICIPANTS</td> </tr> <tr> <td></td> <td>SIMULATOR</td> </tr> <tr> <td></td> <td>SUPPORT</td> </tr> <tr> <td></td> <td>HELP</td> </tr> <tr> <td></td> <td>EXIT</td> </tr> </table>				PROFILE		PARTICIPANTS		SIMULATOR		SUPPORT		HELP		EXIT
	PROFILE													
	PARTICIPANTS													
	SIMULATOR													
	SUPPORT													
	HELP													
	EXIT													
PROFILE	<p>In this menu the instructor/teacher can modify her/his profile.</p>													
PARTICIPANTS (STUDENTS)	<p>In this menu the instructor registers or deletes student <u>accounts</u>. How to create students.</p>													
	<p>Instructors can choose which assessments will be considered for a final result. How to assess students.</p>													

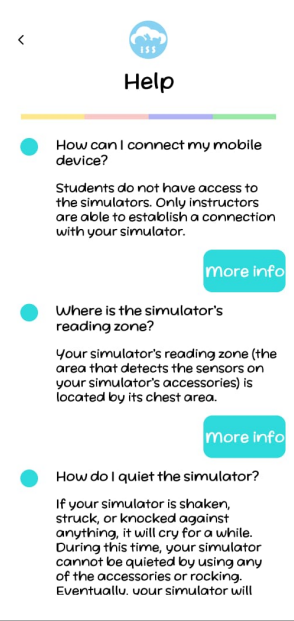
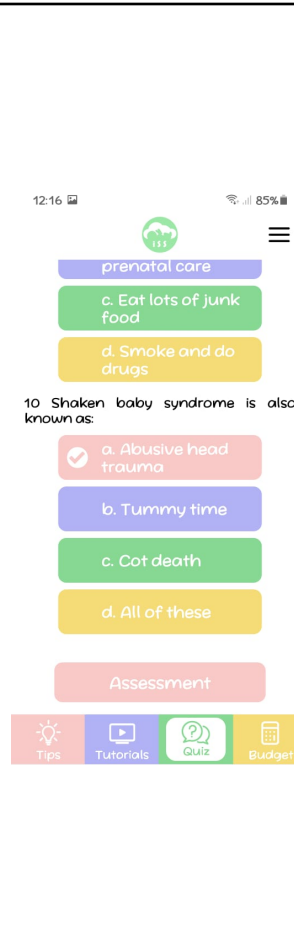
	<p>Instructors create student's accounts. Instructors have full control over student accounts. Emails must be valid so that instructors can reset student passwords whenever necessary. How to create students.</p>	 <p>The screenshot shows a mobile app interface for 'PARTICIPANTS Registration'. It features a list of input fields: First Name, Last Name, Email, Phone number, English (dropdown), Grade, Group, and Age. A red progress bar is visible at the top.</p>
<p>SIMULATOR</p>	<p>In this menu Instructors perform all settings and configurations for each simulation. Also, they can download simulation results so that they can assign these results to a student in particular. Instructors are the ones who have full access to simulators. They can start/finish simulations, make demos, change settings, calibrations, etc. How to connect with simulators.</p>	 <p>The screenshot shows the 'Simulator' menu in the app. It includes a search bar, a 'Connect' button, and sections for 'Simulation' (with Start, Finish, Update buttons) and 'Data' (with Cares, Needs, Fouls, Results buttons). A red progress bar is at the top.</p>
<p>SUPPORT</p>	<p>In this section, Instructors can directly request technical support. Please specify the following information when requesting technical support:</p> <ul style="list-style-type: none"> - Login email. - Name. - Serial number(s). - Date you bought your simulators. - Description of failures. - Attach images whenever possible. 	 <p>A simple black outline icon of an envelope, representing technical support or email contact.</p>

<p>HELP</p>	<p>In this section, instructors can consult our frequently asked questions for a quick reference while solving basic problems.</p>	
<p>EXIT</p>	<p>Here the user can logout.</p>	<p>N. A.</p>

4.4 STUDENT'S MENU

<p>MENU</p>	
	<p>PROFILE</p>
	<p>LOGBOOK</p>
	<p>RESULTS</p>
	<p>HELP</p>
	<p>EXIT</p>

<p>PROFILE</p>	<p>In this menu the student can modify her/his profile.</p> <p>If a student forgets the current password she/he must contact the instructor to reset their password. How to reset passwords.</p>	
<p>LOGBOOK</p>	<p>In this menu, students can record events, comments, or feedback while taking care of the simulator.</p> <p>This applies only to those students who were assigned a simulator.</p> <p>How to use logbook.</p>	
<p>RESULTS</p>	<p>In this menu students can consult their results. Results may vary depending on the assessment options assigned to each student. How to consult results.</p> <p>Quiz score = updated once the students submits her/his results.</p> <p>Simulator score = updated once the instructor downloads and bonds this data to the student.</p> <p>Instructor score = additional assessment assigned by instructors.</p> <p>Final score = overall result.</p> <p>Instructor comments = feedback from instructors.</p>	

<p>HELP</p>	<p>In this section, students can consult our frequently asked questions for a quick reference while solving basic problems.</p>	
<p>EXIT</p>	<p>Here the user can logout.</p>	<p>N. A.</p>
<p>QUIZ</p>	<p>In this section users may answer a quiz. These quizzes are built in the app instructors cannot change the questions, nor can they modify any content. This section is totally optional for instructors to assign to their students.</p> <p>By default, 10 sample questions will be displayed. Anyone can answer those questions: however, the app will show only a result; this result cannot be submitted nor can it be assessed. The only way for this quiz to have a validation is to be an identified user. In this case, a student with an assigned account. Students with an account cannot only answer the quiz, but also submit their results to their instructors. How to submit quizzes.</p> <p>Instructors can either activate this quiz for their students, or they can deactivate it. How to assess students.</p>	

<p>BUDGET</p>	<p>In this section users may fill the budget calculator. These items are built in the app instructors cannot change the items nor can they modify any content. This section is totally optional for instructors to assign to their students.</p> <p>Anyone can fill this section however, the app will show only a result; this result cannot be submitted, nor can it be assessed. Only students with an account can answer the quiz and also submit their results to their instructors. How to submit budget.</p>	
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4.5 GUEST

As a guest, you may have access to consult our four main sections: Tips, Tutorials, Quiz and Budget. However, since guests have no ISS accounts, nor QR codes, they cannot login, nor can they submit any results since they do not belong to any institute or Owner project.

5. HOW TO USE THE APP AS AN OWNER

5.1 HOW TO CREATE AN OWNER ACCOUNT

Creating an “Owner” account is the same as creating an account for your institute/school or organization, which means that you must create a single “Owner” account for all your simulators, Instructors, and students. With your “Owner account” you can create Instructors accounts, and they can create student accounts. With your “Owner” account, you can register as many simulators you purchase.

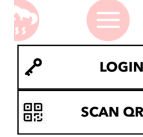
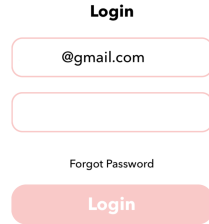
The only way to create an “Owner” account is by scanning the unique registration QR code provided with a new simulator. You will find this code with the new My SmartBaby alongside the “Quick Start Guide”. Each simulator has a unique serial number and a unique registration QR code.

Please consult section [3.2 Registering the Product](#) for creating an ISS Owner account.

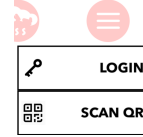
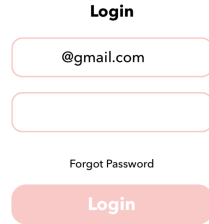
IMPORTANT

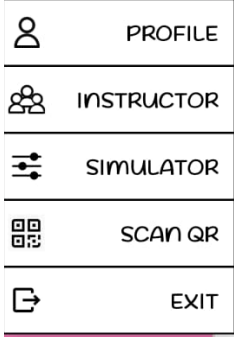
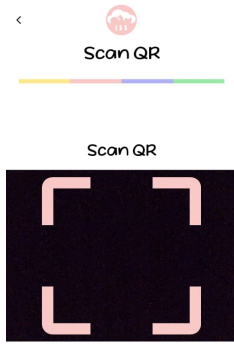
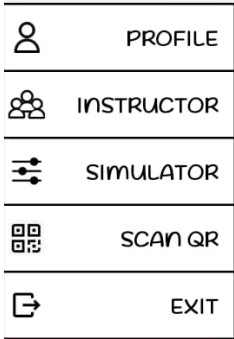

- Once you scan a unique QR code, this will be “burned” which means that you (and nobody else) can use it again to register a My SmartBaby. This scanned code will be bonded to the institute (Owner) account. Please contact technical support if you experience complications while scanning QR codes.
- Your single institute (Owner) account will be valid for as many simulators as you purchase. You don’t need to create a different Owner account for each simulator you buy; all you have to do is to scan each unique QR code for each simulator you have with your same Owner account. All simulators will be bonded to your institute account, and at the same time they will be inherited by your instructors, so they can manage all the resources.
- Only owners are able to scan QR codes.

5.2 HOW TO LOGIN


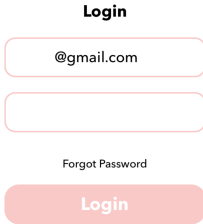
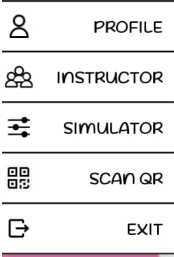

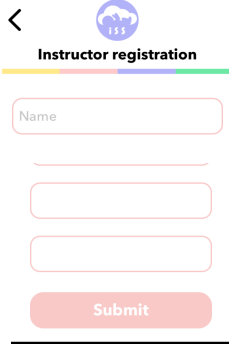
STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on Login.	
2	Enter your login email (Owner, or Instructor, or student) and password. Next, tap on "Login".	

5.3 HOW TO REGISTER MORE SIMULATORS


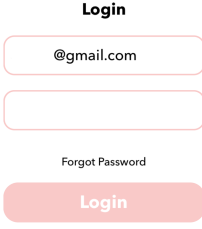
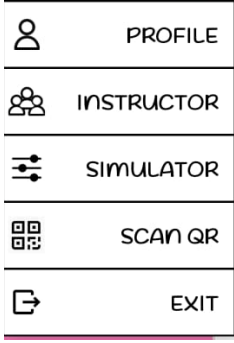

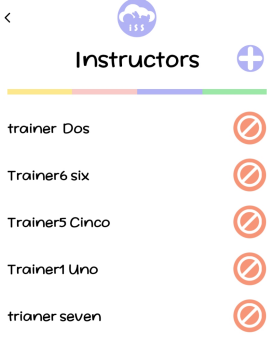
STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on Login.	
2	Enter your Institute (Owner) login email and password. Next, tap on "Login".	

<p>3</p>	<p>Open the main menu and tap on "SCAN QR".</p>	 <p>A vertical list of menu items: PROFILE (person icon), INSTRUCTOR (group of people icon), SIMULATOR (gears icon), SCAN QR (QR code icon), and EXIT (door icon). The 'SCAN QR' item is highlighted with a pink underline.</p>
<p>4</p>	<p>Scan the unique registration QR code of your new simulator.</p>	 <p>The 'Scan QR' screen shows a title bar with a back arrow and a red circular icon. Below the title is a horizontal progress bar with yellow, purple, and green segments. A large QR scanner overlay with pink corners is centered on the screen.</p>
<p>5</p>	<p>Open the main menu again, and tap on "Simulator".</p>	 <p>A vertical list of menu items: PROFILE (person icon), INSTRUCTOR (group of people icon), SIMULATOR (gears icon), SCAN QR (QR code icon), and EXIT (door icon). The 'SIMULATOR' item is highlighted with a pink underline.</p>
<p>6</p>	<p>Tap on the list. Your new simulator must be listed here.</p>	 <p>The 'Simulator' screen shows a title bar with a back arrow and a green circular icon. Below the title is a horizontal progress bar. A search overlay is visible with a search bar containing 'Search...' and a list of results: '10112' and '10118'.</p>

5.4 HOW TO CREATE INSTRUCTORS' ACCOUNTS

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on “LOGIN” .	
2	Enter your institute (Owner) login, email, and password. Next, tap on “Login” .	
3	Open the main menu and tap on “Instructor” .	
4	Tap on add Instructor “+” for creating a new account.	
	Fill in the form for registering the Instructor account, and tap on “Submit” .	


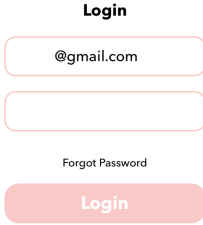
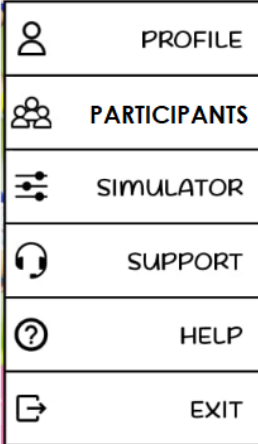
5.5 HOW TO CANCEL AN Instructor ACCOUNT


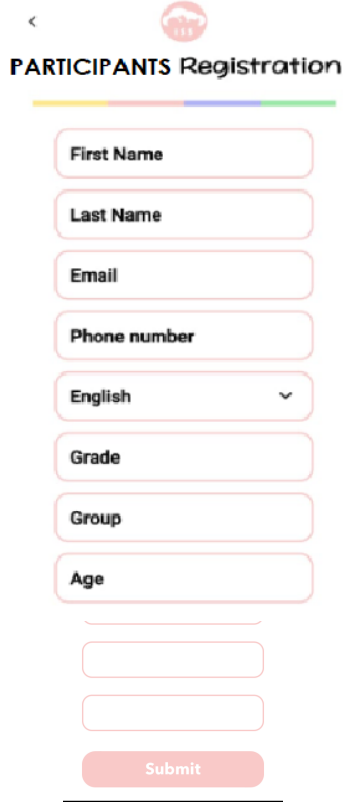
STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on “ LOGIN ”.	
2	Enter your institute (Owner) login email and password. Next, tap on “ Login ”.	
3	Open the main menu and tap on “ INSTRUCTOR ”.	
4	<p>Tap on remove Instructor  to cancel an account.</p> <p>IMPORTANT! Once an email account is canceled or disabled, their email won't be able to be enabled again. Please contact technical support for deleting such an email from the server.</p>	

6. HOW TO USE THE APP AS AN INSTRUCTOR


Instructors are the ones who create/cancel student accounts. Also, they are in charge of creating simulation projects, in which there will be students with simulators assigned, and the rest of the students may not be assigned any simulator. Not only can they select the assessment options, but also they can record feedback to students once the simulation project is finished. The Instructors can manage all these options with her/his ISS/My SmartBaby account.

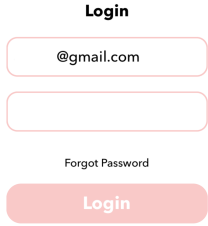


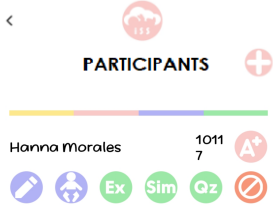
6.1 HOW TO CREATE STUDENT ACCOUNTS

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on Login .	
2	Enter your Instructor login email and password . Next, tap on "Login".	
3	Open the main menu and tap on "PARTICIPANTS" .	


<p>4</p>	<p>Tap on add “+” a new participant.</p>	
<p>5</p>	<p>Fill in the form for registering the participant account, and tap on “Submit”.</p>	

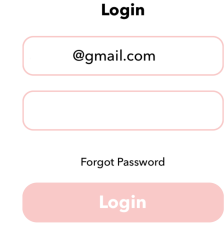



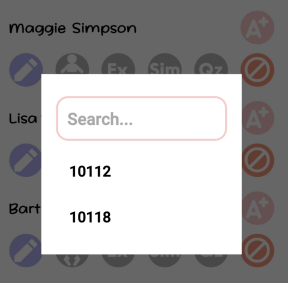
6.2 HOW TO CANCEL A STUDENT ACCOUNT



STEP	DESCRIPTION	EXAMPLE
<p>1</p>	<p>Open the main menu and tap on “LOGIN”.</p>	

<p>2</p>	<p>Enter your Instructor login email and password. Next, tap on “Login”.</p>	
<p>3</p>	<p>Open the main menu and tap on “PARTICIPANTS”.</p>	
<p>4</p>	<p>Tap on remove participant/student to  cancel an account. IMPORTANT! Once an email account is canceled or disabled, their email won't be able to be enabled again. Please contact technical support for deleting such an email from the server.</p>	

6.3 HOW TO ASSIGN SIMULATORS TO STUDENTS


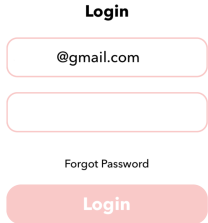
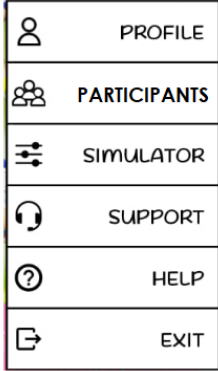
STEP	DESCRIPTION	EXAMPLE
<p>1</p>	<p>Open the main menu and tap on LOGIN.</p>	


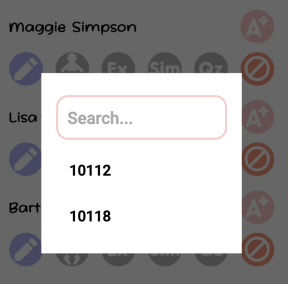


<p>2</p>	<p>Enter your Instructor login email and password. Next, tap on “Login”.</p>	
<p>3</p>	<p>Open the main menu and tap on “PARTICIPANTS”.</p>	
<p>4</p>	<p>Tap on assign simulator  icon down the name of the student you chose.</p>	
<p>5</p>	<p>Select the simulator’s serial number to be assigned to the student.</p>	

<p>6</p>	<p>The selected serial number will appear right next to the name of such a student.</p> <p>The assessment option  will be automatically activated. This means that the simulation results will be part of the student's final results.</p>	
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6.4 HOW TO REASSIGN SIMULATORS

Follow this guide to reassign one simulator from one student to another.

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your Instructor login email and password . Next, tap on "Login".	
3	Open the main menu and tap on "PARTICIPANTS" .	

<p>4</p>	<p>Tap on assign simulator, and pick the name of the new student you choose to use the My SmartBaby.</p>	
<p>5</p>	<p>Select the simulator's serial number to be assigned to the new student.</p>	
<p>6</p>	<p>Accept the changes.</p>	
<p>7</p>	<p>The selected serial number will appear right next to the name of the new student, and it will disappear from the previous student.</p> <p>The assessment option Sim will be automatically activated. This means that the simulation results will be part of the student's final results.</p>	

6.5 HOW TO ASSESS STUDENTS AFTER A SIMULATION



Instructors/teachers decide what assessment options will be considered for the student's final results. The final score will be calculated as the average of the enabled assessment options.

Final Score (0 - 100 points)

$$\text{Final Score} = \frac{\text{Ex} + \text{Sim} + \text{Qz}}{3}$$



EXTRA ASSESSMENT (0 - 100 points)

It turns to green if enabled. This option means that the Instructor can assign an extra note to be considered for the student's final score. This extra score is entered manually by the Instructor. This score is commonly the result of a qualitative assessment based on the student's performance during a course, or it can be the quantitative result from a test related to the course. The course is commonly related to teenage pregnancy deterrence programs; or new parents training courses.




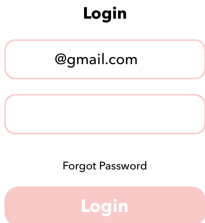




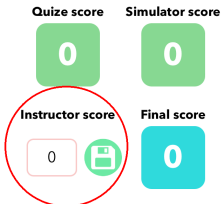
SIMULATOR ASSESSMENT (0 - 100 points)

It turns to green if enabled. This option means that the results downloaded from a simulator will be part of the student's final score. The Instructor must download the results from a simulator after the simulation period is finished. After downloading the results, the Instructor will be able to bond (assign) this result to a student.


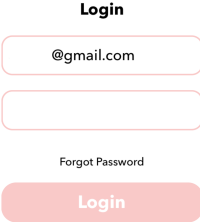



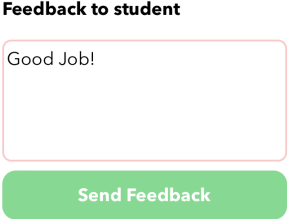


QUIZ ASSESSMENT (0 - 100 points)


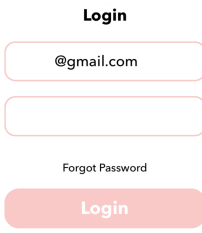
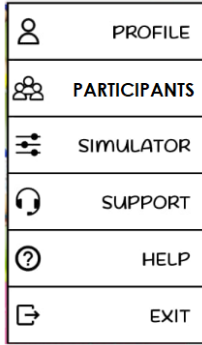


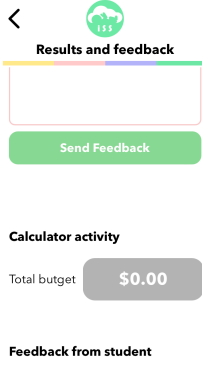
It turns to green if enabled. This option means that the quiz results will be considered for the student's final score. The quiz results will be updated once the student submits her/his answers.

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your Instructor login email and password . Next, tap on "Login".	
3	Open the main menu and tap on " PARTICIPANTS ".	
4	Enable the assessment options you wish by tapping on the icons Ex Sim Qz to enable/disable such options.	
5	Tap on assess student icon A+ right next to the student's name.	
6	Enter your external score and tap on save icon  to register your score. The final note will be automatically updated according to the enabled assessment options. <i>This score can be edited only on the web panel.</i>	

6.6 HOW TO SEND FEEDBACK TO STUDENTS

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your Instructor login email and password . Next, tap on “Login”.	
3	Open the main menu and tap on “PARTICIPANTS” .	
4	Tap on assess student icon  right next to the student's name.	
5	Write your comments and tap on “Send feedback”. Your student will be able to consult your feedback on her/his “Results” menu. How to consult results.	

6.7 HOW TO CONSULT STUDENTS' LOGBOOK AND HOW WELL THEY FARED ON THE BUDGET SECTION

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your Instructor login email and password . Next, tap on "Login".	
3	Open the main menu and tap on " PARTICIPANTS ".	
4	Tap on assess student icon  right next to the student's name.	
5	The student's logbook and budget calculator results will be displayed in this section.	

7. CONNECTIVITY



IMPORTANT!

The simulator’s wifi module will remain active as long as the Instructor is interacting with it through the app.

If the simulator does not receive any command for **10 minutes**, the simulator’s wifi module will **power off** automatically for saving energy purposes (CPU remains powered on).

Restart the simulator to activate the simulator’s wifi module again.

7.1 HOW TO POWER ON/OFF THE SIMULATOR

STEP	DESCRIPTION	EXAMPLE
1	<p style="text-align: center;">POWER ON</p> <p>Turn on the simulator by introducing the “On/Off” key facing upwards until you hear a click. Then remove key.</p> <p>Wait until the status LED indicates either “Access Point” (blinks 3 times every 2 secs) or “Station” (blinks once every sec).</p>	
2	<p style="text-align: center;">POWER OFF</p> <p>Turn off the simulator by introducing the “On/Off” key facing downwards until you hear a click. Then remove the key.</p>	


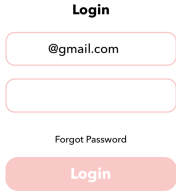

7.2 HOW TO CONNECT WITH SIMULATORS

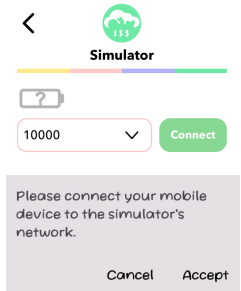
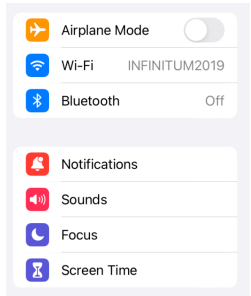
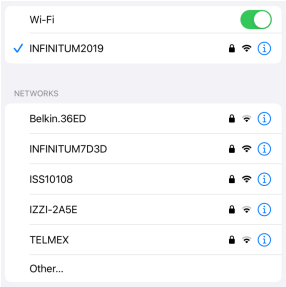
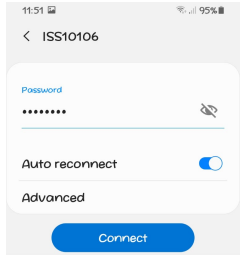
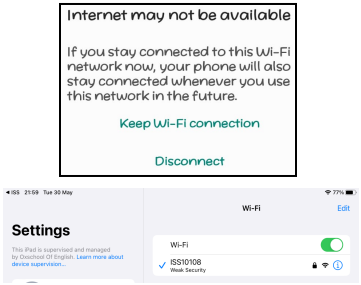
By default, your Simulator is set as [“Access Point”](#), which means that you need to connect your mobile device to the simulator’s WIFI (Hot Spot). The app will perform this task automatically as long as you grant all permissions as they are requested.


IMPORTANT

Whenever you connect your mobile device with a My SmartBaby working as an Access Point, you won't have access to the Internet, since your simulator only, will be performing offline services and commands for you, to set up a simulation. After closing the app, or turning off your simulator, your mobile device will recover Internet access as normally.

Before connecting a simulator, please make sure that the simulator’s battery is 50% at least (two leds on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).



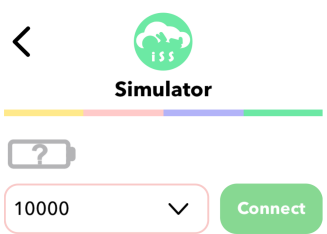

STEP	DESCRIPTION	EXAMPLE
1	If the simulator is powered on, then turn it off with the “On/Off” key facing downwards, and wait for at least 5 secs. Then, turn on the simulator with the “On/Off” key facing upwards. Wait until the status LED indicates either “Access Point” (blinks 3 times every 2 secs) or “Station” (blinks once every sec).	
2	Open the app and enter your Instructor login email and password . Next, tap on “Login”.	
3	Open the main menu and tap on “SIMULATOR” .	

<p>4</p>	<p>Select your simulator from the drop down menu and tap on the “Connect” button.</p> <p>Proceed to connect your mobile device to the simulator’s Wifi. Tap on Accept.</p>	
<p>5</p>	<p>Select WIFI menu.</p>	
<p>6</p>	<p>Select your simulator’s ISS network (ISS+Serial number)</p>	
<p>7</p>	<p>Enter “12345678” on password, and tap on “Connect”.</p> <p>This password is entered once. Next time you will skip this step.</p>	
<p>8</p>	<p>On Android devices a no availble internet notification will be displayed. Tap on keep WIFI connection.</p> <p>Double check connection is established and tap on back.</p>	

	<p>Simulator's data will be updated.</p>	
<p>Once connected, the rest of the buttons on this menu will be enabled.</p>		

7.3 SIMULATORS MENU

This menu will be available only for Owner and Instructor accounts.

STEP	DESCRIPTION	EXAMPLE
<p>1</p>	<p>Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS</p>	
	<p> Battery Level indicator. This indicates an estimation of the battery level.</p> <p><input type="text" value="10119"/> Drop down menu containing the list of all the simulators bonded to your account.</p> <p>“Connect/Disconnect” = turns to green if no device is connected; turns to orange if a device is connected.</p> <p>Once connected, the simulator's data will be displayed, and buttons will be activated.</p>	
	<p>“Start” resumes or starts a simulation.</p> <p>“Finish” ends a simulation in process.</p> <p>“Refresh” updates simulation data.</p>	

<p>Cares = number of cares given by parents. Needs = number of needs demanded by the simulator. Fouls = number of mistreatments detected by the simulator. Performance = $[(cares/needs)*100]-Fouls*2$</p>	<p>Data</p> <table border="0"> <tr> <td>Cares 4</td> <td>Needs 4</td> </tr> <tr> <td>Fouls 0</td> <td>Results 100</td> </tr> </table>	Cares 4	Needs 4	Fouls 0	Results 100
Cares 4	Needs 4				
Fouls 0	Results 100				
<p>Assign simulator's score. Available only for instructors. This command sends the performance "results" to that student who was assigned this simulator. Delete data = resets all simulation data to zero.</p>	<p>Assign Simulator's note Delete data</p>				
<p>Functions = Baby needs = Events</p> <p>Feed = triggers "Feeding" on the simulator. Diaper = triggers "Diaper" on the simulator. Rock = triggers need for "Rocking" on the simulator. Toy = triggers "Toy" on the simulator. Medicine = triggers "Medicine" on the simulator. Stop event = stops any ongoing event on the simulator.</p>	<p>Functions</p> <p>Food Diaper/Nappy Rocking Toy Medicine</p>				
<p>Instructor = records "Teacher" tag on the simulator. Parental = records "Student" ID tag on the simulator. Bottle = records "Baby Bottle" tag on the simulator. Toy = records "Toy" tag on the simulator. Medicine = records "Medicine" tag on the simulator. Diaper 1 = records "Diaper 1" tag on the simulator. Diaper 2 = records "Diaper 2" tag on the simulator. Forget = deletes all tags recorded on the simulator.</p>	<p>Tags</p> <p>Instructor Parent Bottle Diaper / Nappy 1 Forget Diaper / Nappy 2 Toy Medicine</p>				



<p>Settings (available only for instructors) = Opens "settings" menu.</p> <p>Hardware calibrations (available only for instructors) = Opens "hardware calibrations" menu. <i>Please contact tech support for additional guidance.</i></p>	<p>More options</p> <p>Settings</p> <p>Hardware calibrations</p>
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7.4 HOW TO SWITCH TO "STATION" MODE (*not normally needed)

IMPORTANT!

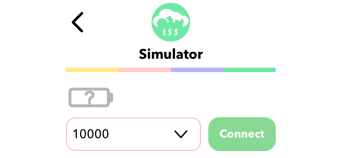
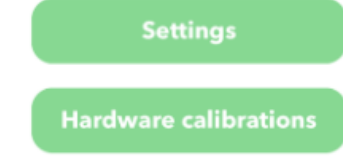
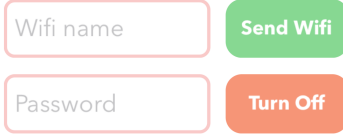
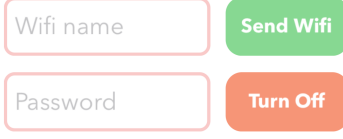
Make sure to connect the simulator to the same local network your mobile device is connected to.

Also, make sure the local network is not segmented (signal repeiters or sub-networks).

Please contact tech support for additional guidance before proceeding with this step.

Before connecting a simulator, please make sure that the simulator's battery is 50% at least (two LEDs on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).

STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	<p>Login</p> <p>@gmail.com</p> <p>Forgot Password</p> <p>Login</p>





<p>2</p>	<p>Select your simulator from the drop down menu and tap on the “Connect” button.</p>	
<p>3</p>	<p>Scroll down to More options. Tap on the “Settings”.</p>	<p>More options</p> 
<p>4</p>	<p>Scroll all the way down until the wifi menu and type the name of your local Network alongside with its password. Make sure you type this content correctly.</p>	<p>Wifi</p> 
<p>5</p>	<p>Tap on the “Send wifi” button.</p>	<p>Wifi</p> 
<p>6</p>	<p>Tap on the “Turn Off” button, and restart the simulator. Remember to wait 5 seconds before turning the simulator back on. Close the app, and wait until your mobile device is connected to the same local network as the simulator is. After that, open the app again and proceed with connection.</p>	

7.5 HOW TO SWITCH TO “ACCESS POINT” MODE

Before connecting a simulator, please make sure that the simulator's battery is 50% at least (two LEDs on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).

This procedure may be performed either manually with the set of accessories or with the App.

Manual version is useful in those cases in which the simulator is connected to a local Network, but for some reason the app cannot establish a connection with the simulator.

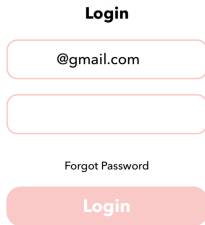



<p style="text-align: center;">TURN SIMULATOR TO “ACCESS POINT” MODE MANUAL VERSION BUSING TAGS</p>		
STEP	DESCRIPTION	EXAMPLE
1	If the simulator is powered on, then turn it off with the “On/Off” key facing downwards, and wait for at least 5 secs. Then, turn on the simulator with the “On/Off” key facing upwards. Wait until the status LED indicates either “Access Point” (blinks 3 times every 2 secs) or “Station” (blinks once every sec).	
2	Bring up the “emergency Instructor” tag to the simulator’s chest. The simulator will say: <i>“Instructor, settings on”</i> . <u>Now, the accessories work as commands.</u>	
3	Bring up the “Diaper 2” tag to the simulator’s chest. This manual command will <i>“delete/forget”</i> the last wifi credentials saved to the simulator’s memory. Also, this action will turn the simulator’s wifi module off.	
4	Bring up the “emergency Instructor” tag to the simulator’s chest. The simulator will say: <i>“Instructor, settings off”</i> . Now, the accessories work as they are.	
5	Restart the simulator.	

TURN SIMULATOR TO "ACCESS POINT" MODE APP VERSION		
STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	<p>Login</p> <p>@gmail.com</p> <p>Forgot Password</p> <p>Login</p>
2	Scroll down to More options . Tap on the "Settings" .	<p>More options</p> <p>Settings</p> <p>Hardware calibrations</p>
3	Scroll all the way down until the wifi menu and type "forget" in the "wifi name" field, and type "ok" in the password field.	<p>Wifi</p> <p>Wifi name Send Wifi</p> <p>Password Turn Off</p>
4	Tap on the "Send wifi" button.	<p>Wifi</p> <p>Wifi name Send Wifi</p> <p>Password Turn Off</p>
5	Tap on the "Turn Off" button, and restart the simulator. Restart the app.	

8. SETTING UP A SIMULATION FOR STUDENTS

8.1 HOW TO START A NEW SIMULATION

Before starting or resuming a simulation, please verify that the accessories (Tags) are registered in your simulator by bringing up each accessory to the simulator's chest (**NO** simulation must be in progress), the simulator has to recognize them for the accessories to work in a simulation (the My SmartBaby will announce them); also, make sure the My SmartBaby's battery is fully charged.

STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	 <p>Login</p> <p>@gmail.com</p> <p>Forgot Password</p> <p>Login</p>
2	Tap on “ Delete Data ” in order to reset to zero the previous simulation data. Skip this step if you want to resume an ongoing simulation.	 <p>Assign Simulator's note</p> <p>Delete data</p>
3	Tap on “ Start ”. The simulation is now in progress.	 <p>Simulation</p> <p>Start Finish Refresh</p>
4	Tap on “ Disconnect ”. Skip this step if you want to test functions.	 <p>10119 ▼ Disconnect</p>

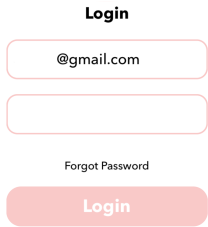

Once a simulation is in progress, your My SmartBaby will register all cares and mistreatments.

Optionally, you may turn the simulator off and it will save its data, ready, for when you next turn it back on, it will then automatically resume the simulation. No data is lost in this process. The simulator has an internal memory.

8.2 HOW TO FINISH A SIMULATION - ONCE A STUDENT BRINGS THE MY SMARTBABY BACK

Before finishing a simulation, please make sure that the simulator's battery is at least 50%(two leds on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).The simulation lasts for up to 48 hours.

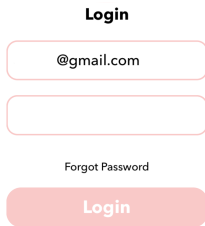
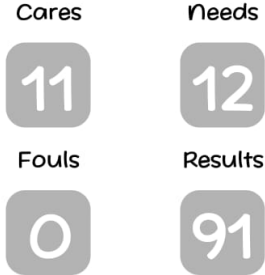

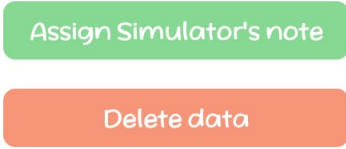
Commonly, the Instructor receives the simulator after this period; and the simulator is still powered on (status LED blinking once every 2 secs). If the simulation lasted for the 48 hrs period, then the simulation status will be flagged as finished.

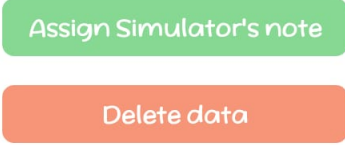
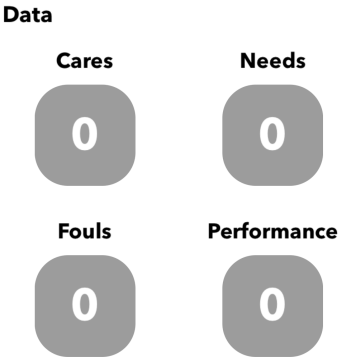
STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	
2	Tap on “Finish” if the simulation is in progress (“Finish” button in orange). If the simulation is finished, the “Start” button is green.	

8.3 HOW TO DOWNLOAD SIMULATION DATA

Simulation data is automatically gathered every time you establish a connection with a simulator via the App.

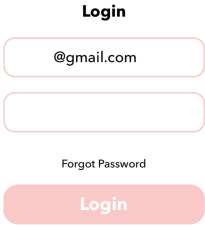
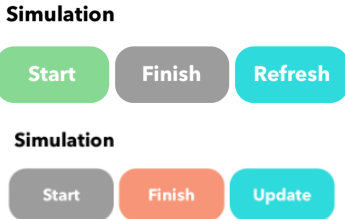
Before connecting a simulator, please make sure that the simulator's battery is at least 50% (two LEDs on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).















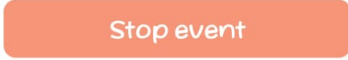
STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	
	<p style="text-align: center;"><u>SIMULATION DATA</u></p> <p>Cares = number of cares given by parents. Needs = number of needs demanded by the simulator. Fouls = number of mistreatments detected by the simulator. Performance = $[(cares/needs)*100]-Fouls*2$</p>	
2	Tap on “Finish” if the simulation is in progress (“Finish” button in orange).	
3	Tap on “Assign Simulator’s note” to link these results to your student. These results will be updated automatically on your student’s assessment.	

<p>4</p>	<p>Optionally, set to zero this simulation data by tapping on “Delete data”.</p>	
	<p>Data set to zero.</p>	

8.4 HOW TO TEST FUNCTIONS

Before connecting a simulator, please make sure that the simulator's battery is at least 50% (two LEDs on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).

STEP	DESCRIPTION	EXAMPLE
<p>1</p>	<p>Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS</p>	
<p>2</p>	<p>Tap on “Start” in order to start or resume a simulation. If a simulation is in progress the “Finish” button will be orange.</p>	

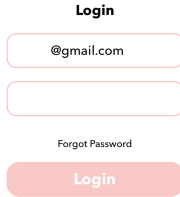


<p>3</p>	<p>Tap on any function or event you want to trigger in order to test it on your simulator.</p>	<p>Functions</p> 								
<p>4</p>	<p>Tap on the “Refresh” button in order to update simulation data.</p> <p>IMPORTANT! If you successfully satisfy the need, the ratio cares vs needs will be equal otherwise, the number of needs will be greater than the cares.</p>	<p>Simulation</p>  <p>Data</p> <table border="0"> <tr> <td>Cares</td> <td>Needs</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Fouls</td> <td>Results</td> </tr> <tr> <td></td> <td></td> </tr> </table>	Cares	Needs			Fouls	Results		
Cares	Needs									
										
Fouls	Results									
										
	<p>Optionally, you may stop any ongoing event you just triggered by tapping on the “Stop event” button. This will affect the number of cares, since the “care” will be incomplete.</p>									

8.5 HOW TO VERIFY ACCESSORIES

Before connecting a simulator, please make sure that the simulator's battery is at least 50% (two LEDs on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).

IMPORTANT!

No simulation must be in progress in order to verify the accessories.

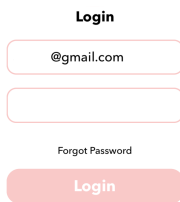
STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	
2	If a simulation is in progress the “Finish” button will be orange. Tap on “ Finish ” in order to stop a simulation.	
3	Bring up the accessories to the simulator's chest one by one. If the accessory is registered then the simulator must say the name of each accessory.	




8.6 HOW TO REGISTER ACCESSORIES

Before connecting a simulator, please make sure that the simulator's battery is at least 50% (two LEDs on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs).

IMPORTANT!

No simulation must be in progress in order to register the accessories.









STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	

<p>2</p>	<p>If a simulation is in progress the "Finish" button will be orange.</p> <p>Tap on "Finish" in order to stop a simulation.</p>	<p>Simulation</p> 
<p>3</p>	<p>Scroll down to the "Tags" menu and tap on "Forget".</p> <p>NOTE: when registering the INSTRUCTOR tag, the manual settings will be enabled, please bring up this tag to the simulator's chest again in order to disable the manual settings.</p> <p>Tap on the accessory to be registered. Then bring up such an accessory to the simulator's chest. The simulator must call the name of such an accessory.</p> <p>If you make a mistake while registering, it is better to tap "forget" all accessories and register them again otherwise, some accessories may overlap.</p>	<p>Tags</p>  



8.7 HOW TO MODIFY SIMULATION SETTINGS

Before connecting a simulator, please make sure that the simulator's battery is 50% at least (two LEDs on). You may check this by turning your simulator off, and connecting the charger to the simulator; the level will be displayed by the charge level indicator (LEDs). Factory settings in this menu cannot be modified. Changing the setting to Level 2 is normal for most simulations/students. Level 3 is more difficult, unpredictable cry's and longer crying/needs/attention.

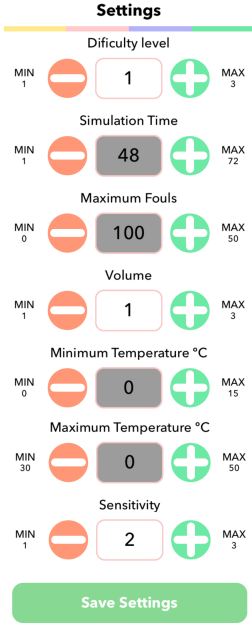
SIMULATION SETTINGS		
Difficulty level MIN  1  MAX 3		
Level 1 = Easy (default)	Level 2 = Mid	Level 3 = Hard
Care Time ~ 2 min (demo) Crying = predictable	Care Time ~ Up to 7 min Crying = predictable	Care Time ~ Up to 7 min Crying = unpredictable
Simulation Time MIN  1  MAX 72		
1-2 days	2 Days	Factory
24-48 hrs	48 hrs	1 - 72 hrs
Maximum Fouls MIN  0  MAX 50		
My SmartBaby	My SmartBaby	Factory
100	100	1 - 100
Volume MIN  1  MAX 3		
1 = Low	2 = Mid (recommended)	3 = High

Sensitivity		
MIN 1		2
		MAX 3
1 = Low	2 = Mid (recommended)	3 = High

IMPORTANT!


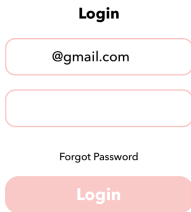
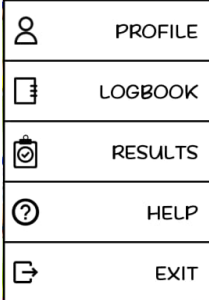
No simulation must be in progress in order to modify settings.

STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	<p>Login</p> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">@gmail.com</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"></div> <p style="font-size: small; text-align: center;">Forgot Password</p> <div style="background-color: #f08080; padding: 5px; width: 100px; margin: 0 auto;">Login</div>
2	If a simulation is in progress the "Finish" button will be orange. Tap on " Finish " in order to stop a simulation.	<p>Simulation</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="background-color: #808080; padding: 5px 10px; border-radius: 5px;">Start</div> <div style="background-color: #ff8c00; padding: 5px 10px; border-radius: 5px;">Finish</div> <div style="background-color: #00ced1; padding: 5px 10px; border-radius: 5px;">Update</div> </div>
3	Scroll down to More options . Tap on the " Settings " button. Options.	<p>More options</p> <div style="background-color: #90ee90; padding: 10px; border-radius: 10px; margin-bottom: 10px; width: 150px; margin: 0 auto;">Settings</div> <div style="background-color: #90ee90; padding: 10px; border-radius: 10px; width: 150px; margin: 0 auto;">Hardware calibrations</div>


<p>4</p>	<p>Modify the values according to your preferences, and tap on “Save Settings” when you are done.</p> <p>We recommend keeping “Sensibility” in its default value of 2.</p> <p>Also, we recommend keeping “Volume” in 2 for a full simulation.</p> <p>Factory Settings: Simulation Time, Max Fouls, Max temp, Min Temp.</p>	 <p>The screenshot shows the 'Settings' screen with a rainbow gradient bar at the top. Below it, several settings are listed, each with a 'MIN' and 'MAX' value and a central input field with minus and plus buttons:</p> <ul style="list-style-type: none">Difficulty level: MIN 1, MAX 3, value 1Simulation Time: MIN 1, MAX 72, value 48Maximum Fouls: MIN 0, MAX 50, value 100Volume: MIN 1, MAX 3, value 1Minimum Temperature °C: MIN 0, MAX 15, value 0Maximum Temperature °C: MIN 30, MAX 50, value 0Sensitivity: MIN 1, MAX 3, value 2 <p>A green 'Save Settings' button is at the bottom.</p>
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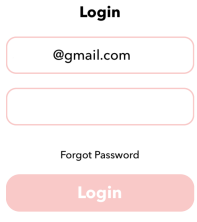
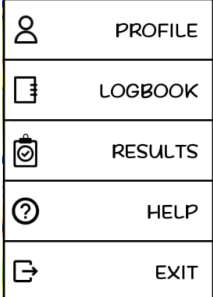
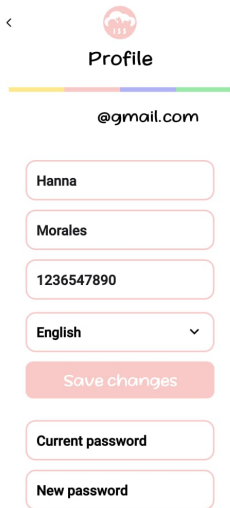
9. HOW TO USE THE APP AS A STUDENT

9.1 HOW TO LOG IN

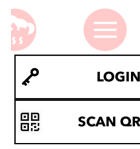
STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your login email and password . Next, tap on “Login” .	
3	This is the main menu.	

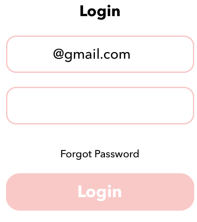

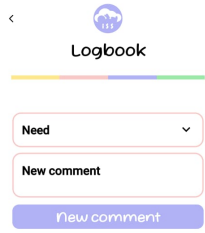

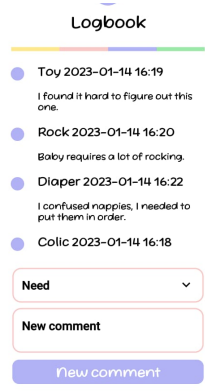
9.2 HOW TO MODIFY PROFILE

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	


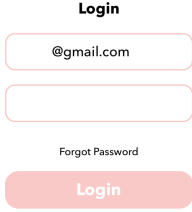
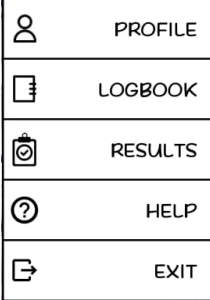
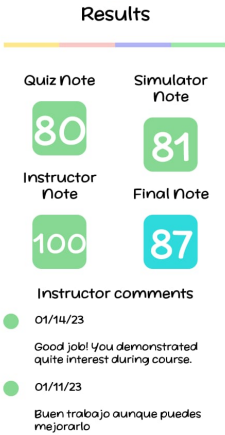
<p>2</p>	<p>Enter your login email and password. Next, tap on “Login”.</p>	
<p>3</p>	<p>Tap on “Profile”.</p>	
<p>4</p>	<p>Edit whatever is necessary.</p>	
<p>5</p>	<p>Tap “Save changes” when finished.</p>	

9.3 HOW TO USE THE LOGBOOK

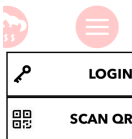
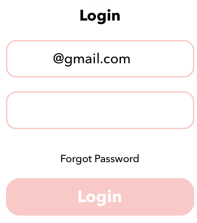
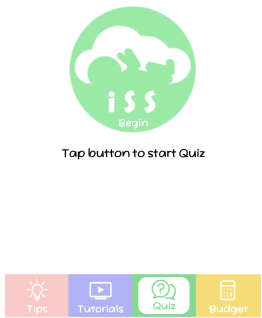

STEP	DESCRIPTION	EXAMPLE
<p>1</p>	<p>Open the main menu and tap on LOGIN.</p>	

<p>2</p>	<p>Enter your login email and password. Next, tap on “Login”.</p>	
<p>3</p>	<p>Tap on “Logbook”.</p>	
<p>4</p>	<p>Select the required need by the baby from the drop down menu “Need”.</p>	
<p>5</p>	<p>Type the comment on the “New comment” section. 20 characters minimum are required for logging messages.</p>	
<p>6</p>	<p>Tap on “New comment” when finished.</p>	

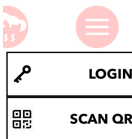
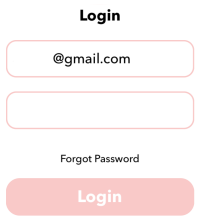
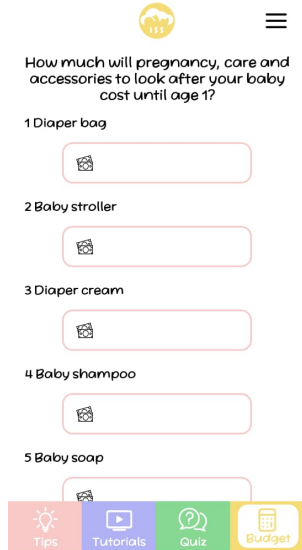
9.4 HOW TO CONSULT RESULTS

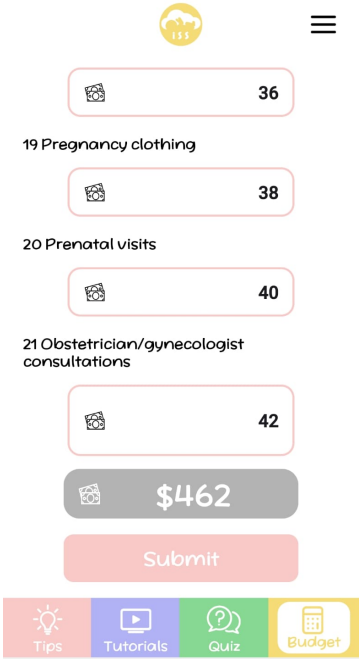
STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your login email and password . Next, tap on “Login” .	
3	Tap on “Results” .	
4	<p>Results may vary depending on the assessment options activated for each student.</p> <p>Quiz score = updated once the student submits her/his results.</p> <p>Simulator score = updated once the Instructor downloads and bonds this data to the student.</p> <p>Instructor score = additional assessment assigned by instructors.</p> <p>Final score = overall score.</p> <p>Instructor comments = feedback from instructors.</p>	

9.5 HOW TO SUBMIT QUIZZES

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your login email and password . Next, tap on “Login” .	
3	Tap on the “Quiz” section, and tap on the button to open the quiz.	
4	<p>Select the correct answer for each question.</p> <p>Tap on “Assessment” in order to evaluate and to submit the answers.</p> <p>Students can answer two or more quizzes however, the first one being submitted is the one to be considered for the assessment.</p>	

9.6 HOW TO SUBMIT BUDGET DETAILS

STEP	DESCRIPTION	EXAMPLE
1	Open the main menu and tap on LOGIN .	
2	Enter your login email and password . Next, tap on “Login” .	
3	<p>Tap on the “Budget” section.</p> <p>Students must do research about items listed here in order to calculate the total cost of pregnancy plus taking care of a baby from birth until age 1 year.</p>	
4	<p>Once students get the costs of each item, now they must estimate the amount of these items to be consumed for the whole period.</p> <p>Next, students must do the math in order to calculate the total costs for the whole period.</p>	<p>Example: DIAPERS/NAPPIES</p> <p>7 diapers/day X 365 days = 2,550 diapers</p> <p>Diaper (24 pack) = \$6</p> <p>2550 diapers / 24 pack = 107 packs</p> <p>107 pack X \$6 = \$642</p>

<p>5</p>	<p>Once students have all calculations, now they must fill in these costs in the budget section, and tap on the “Submit” button once they are finished.</p>	
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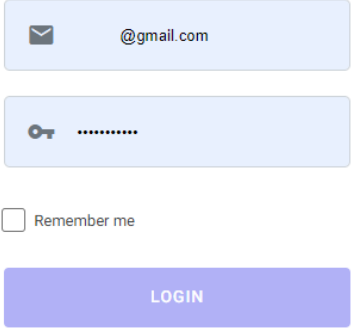


10. WEB PANEL

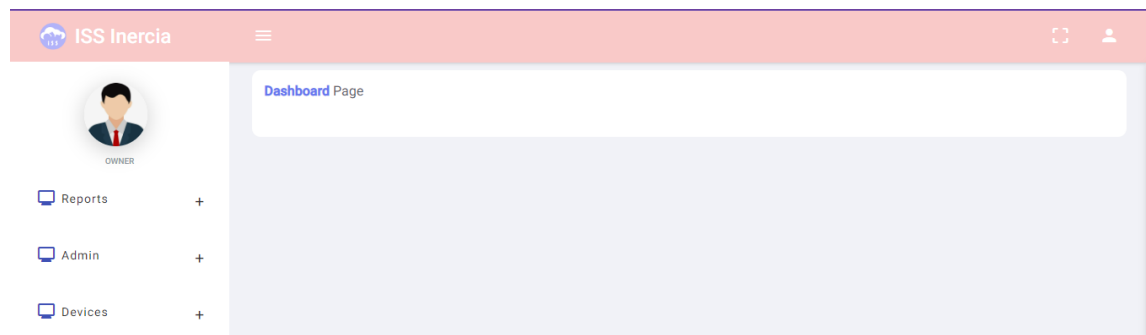
The Web Panel is a user interface specially designed for desktop computers so We strongly recommend opening the web panel on a desktop computer or laptop for better results.

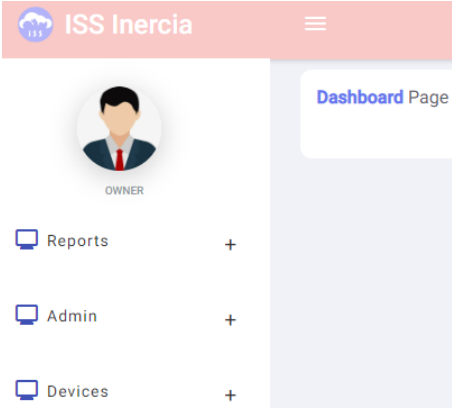
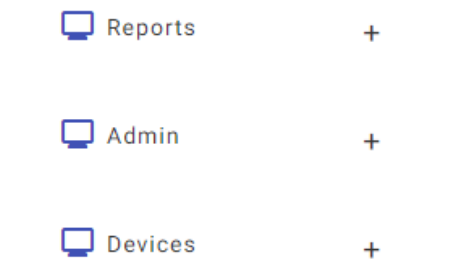
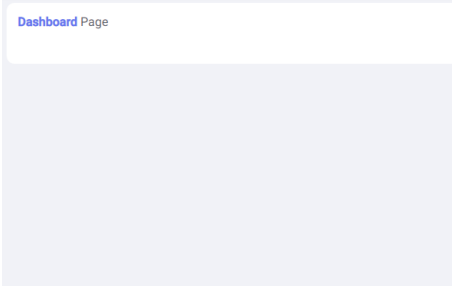


Web Panel is available only for Owners and Instructors.

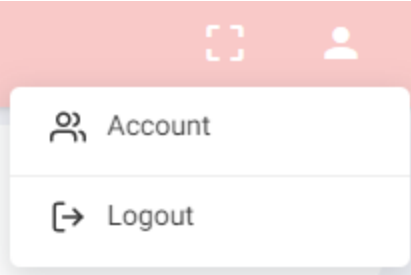

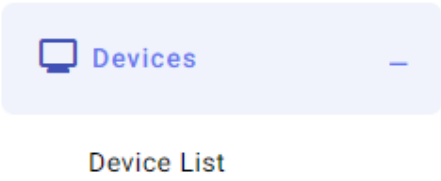
10.1 HOW TO LOGIN

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	
2	Enter your "Owner" or "Instructor" login email and password . Next, click on " Login ".	


10.2 WEB PANEL SECTIONS

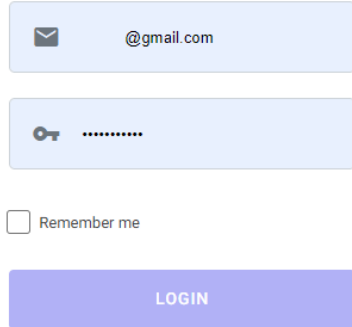
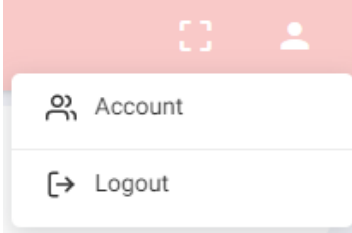
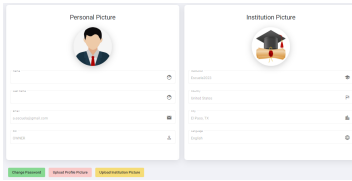


DESCRIPTION	EXAMPLE
<p style="text-align: center;">Home</p> <p>Click on the “ISS Inercia” for going home.</p> <p>INERCIA is the company we partner with, on our My SmartBaby</p>	
<p style="text-align: center;">Main Menu</p>	
<p style="text-align: center;">Dashboard Page</p> <p>All details of an opened menu will be displayed in this section.</p>	
<p style="text-align: center;">Hide/Show Main Menu</p>	
<p style="text-align: center;">Full screen</p>	


<p style="text-align: center;">Profile</p> <p>Click “Account” to consult your profile.</p> <p>Click “Logout” to close session.</p>	
<p style="text-align: center;">Admin</p> <p>Click on “Users” to manage users under your domain.</p> <p>Click on “Resources” to open exclusive content for your account. Here you will be able to access tutorials, etc.</p>	
<p style="text-align: center;">Devices</p> <p><u>Click on “Device List” to manage all devices (simulators) registered under your domain.</u></p>	

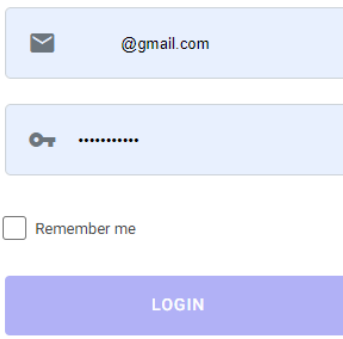
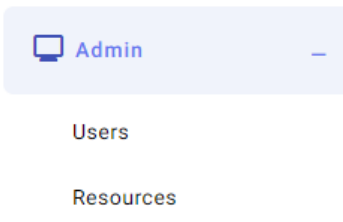


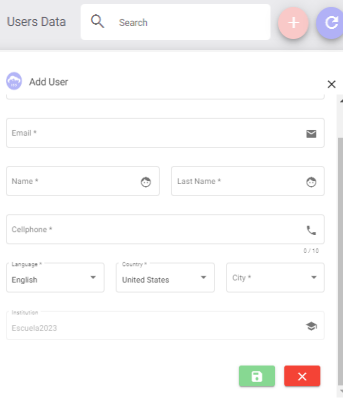
10.3 HOW TO CONSULT PROFILE

STEP	DESCRIPTION	EXAMPLE
1	<p>Click on the following link: https://iss.inercitec.com/#/authentication/signin</p>	


<p>2</p>	<p>Enter your "Owner" or "Instructor" login email and password. Next, click on "Login".</p>	
<p>3</p>	<p>Open the "profile" menu and click on "Account" to consult your profile.</p>	
<p>4</p>	<p>Tap on "Change Password" in order to update your password. Tap on "Upload Profile Picture" or "Upload Institution Picture" in order to change these pictures.</p>	

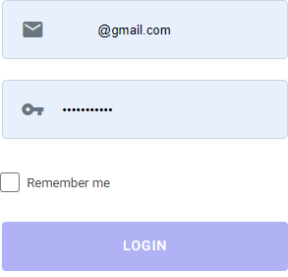
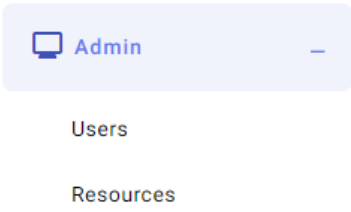

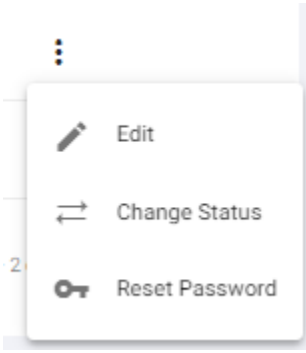

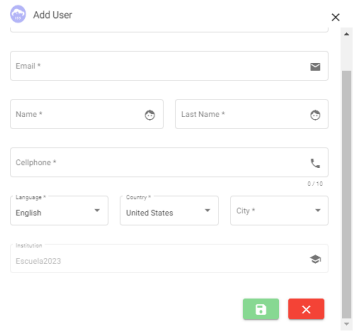
10.4 HOW TO CREATE USERS

STEP	DESCRIPTION	EXAMPLE
<p>1</p>	<p>Click on the following link: https://iss.inercitec.com/#/authentication/signin</p>	


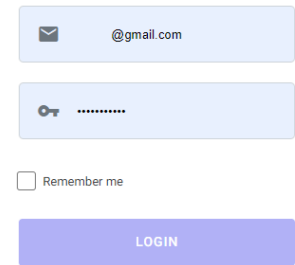
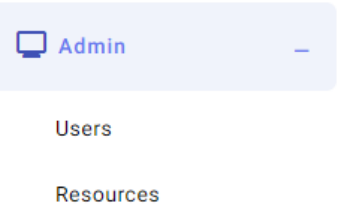

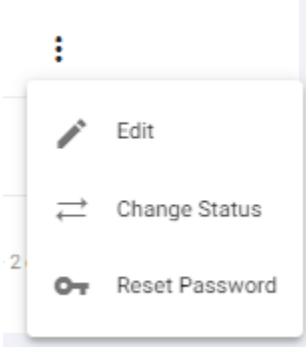
<p>2</p>	<p>Enter your “Owner” or “Instructor” login email and password. Next, click on “Login”.</p>	
<p>3</p>	<p>Open the “Admin” menu, and click on “Users”.</p>	
<p>4</p>	<p>Click on  (“Add”), and fill in the new instructor data.</p> <p>Click on  (save) when finished.</p> <p>An email will be sent to the new user for resetting the password.</p>	

10.5 HOW TO EDIT USERS


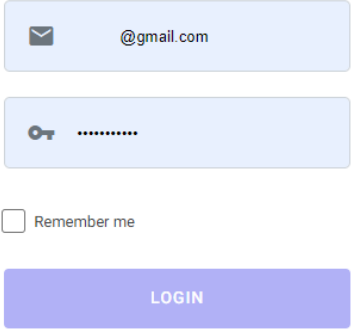
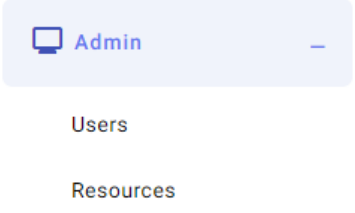

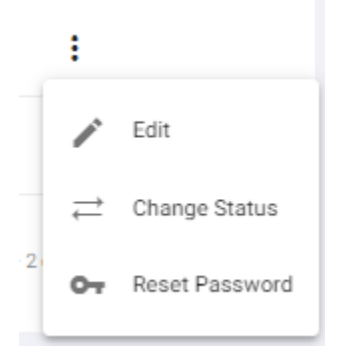
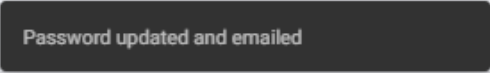
STEP	DESCRIPTION	EXAMPLE
<p>1</p>	<p>Click on the following link: https://iss.inercitec.com/#/authentication/signin</p>	

<p>2</p>	<p>Enter your “Owner” or “Instructor” login email and password. Next, click on “Login”.</p>	 <p>A screenshot of a login form. It features an email input field with a placeholder "@gmail.com", a password input field with a key icon and masked characters, a "Remember me" checkbox, and a blue "LOGIN" button.</p>
<p>3</p>	<p>Open the “Admin” menu, and click on “Users”.</p>	 <p>A screenshot of an "Admin" menu. The menu is open, showing options for "Users" and "Resources".</p>
<p>4</p>	<p>Select the Instructor. Click on  options, and click on “Edit”.</p>	 <p>A screenshot of a user action menu. The menu is open, showing options for "Edit", "Change Status", and "Reset Password".</p>
<p>5</p>	<p>Edit whatever is necessary, and click on  (save) when finished.</p>	 <p>A screenshot of an "Add User" form. The form includes fields for "Email", "Name", "Last Name", "Cellphone", "Language" (set to English), "Country" (set to United States), and "City". There are also "Save" and "Cancel" buttons at the bottom.</p>


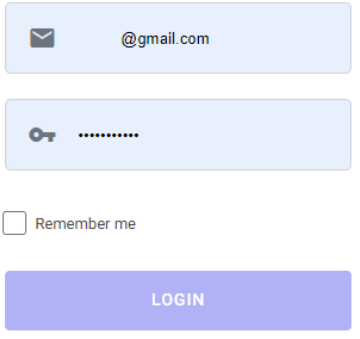
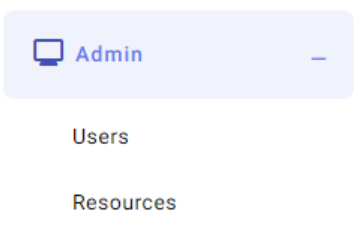
10.6 HOW TO DELETE USERS

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	
2	Enter your "Owner" or "Instructor" login email and password . Next, click on " Login ".	
3	Open the " Admin " menu, and click on " Users ".	
4	Select the user. Click on  options, and click on " Change Status ". Such a user will be deleted from your list.	


10.7 HOW TO RESET PASSWORDS

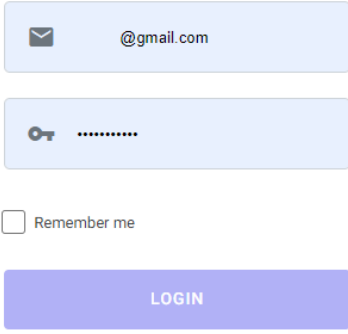
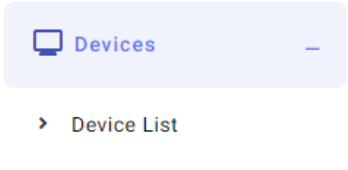
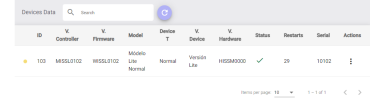
STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	
2	Enter your "Owner" or "Instructor" login email and password . Next, click on " Login ".	
3	Open the " Admin " menu, and click on " Users ".	
4	Select the user. Click on  options, and click on " Reset Password ".	
<p>A  confirmation will be displayed at the bottom of the dashboard, and an email will be sent to the user's email.</p>		

10.8 RESOURCES

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	
2	Enter your "Owner" or "Instructor" login email and password . Next, click on " Login ".	
3	Open the " Admin " menu, and click on " Resources ". In this section owners can find exclusive content for your Institute account. Here you will be able to access Manuals, Update files, Tutorials, etc.	

10.9 SIMULATORS/DEVICES LIST

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	

<p>2</p>	<p>Enter your “Owner” or “Instructor” login email and password. Next, click on “Login”.</p>	
<p>3</p>	<p>Open the “Devices” menu, and click on “Device List”.</p>	
<p>In this section, owners can find the list of all devices bonded to their institute account.</p>		


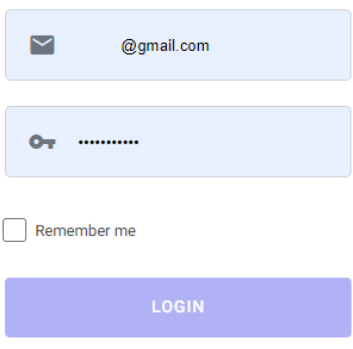
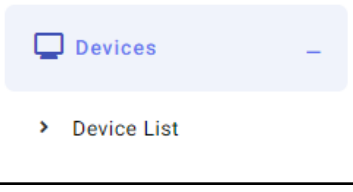
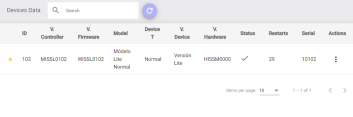
10.10 CALIBRATION CODE - ONLY IF ASKED BY MANUFACTURER


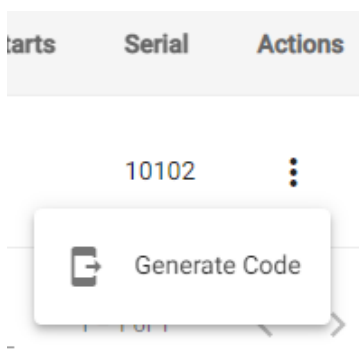
Owners and Instructors are allowed to generate "Calibration Codes". However, only Instructors are allowed to perform calibrations with the app. These codes will be entered in the app in order to activate the calibration menu.

IMPORTANT!


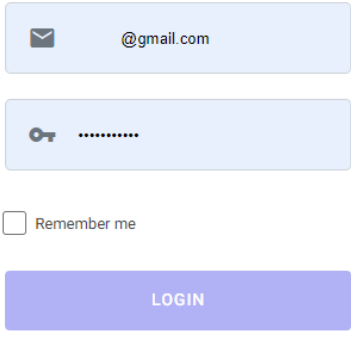
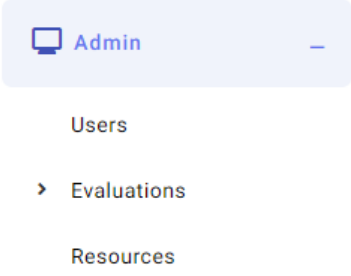
PLEASE CONTACT TECH SUPPORT BEFORE PERFORMING THESE STEPS.


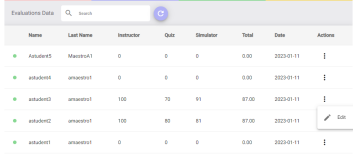

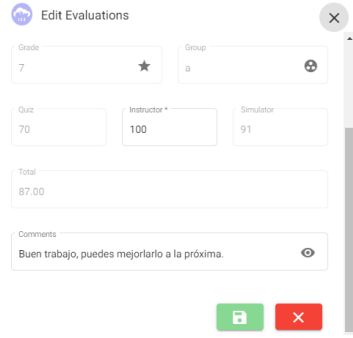
CALIBRATION IS AN ADVANCED PROCESS. IT MUST BE PERFORMED ONLY IF IT IS STRICTLY NECESSARY OR IF WRS GROUP LTD.,HEALTH EDCO/INERCIA TECH SUPPORT TEAM REQUESTS YOU TO DO SO. PLEASE CONTACT TECH SUPPORT FOR SPECIAL GUIDANCE

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	
2	Enter your "Owner" or "Instructor" login email and password . Next, click on " Login ".	
3	Open the " Devices " menu, and click on " Device Lis ".	
4	Select the device from the list based on the device's serial number.	

	<p>Click on options , and then click on "Generate Code".</p>	
<p>Instructors must enter this generated code in the app in order to enable the calibration menu.</p>		

10.11 HOW TO EDIT STUDENTS' ASSESSMENTS

STEP	DESCRIPTION	EXAMPLE
1	<p>Click on the following link: https://iss.inercitec.com/#/authentication/signin</p>	
2	<p>Enter your "Instructor" login email and password. Next, click on "Login".</p>	
3	<p>Open the "Admin" menu, and click on "Evaluation".</p>	

<p>4</p>	<p>Select the student from the list.</p> <p>Click on options , and then click on "Edit".</p>	
<p>5</p>	<p>Edit whatever is necessary, and click on  (save) when finished.</p>	

11. SIMULATION

11.1 SIMULATION TIME - STUDENT WITH MY SMARTBABY

The simulator is pre-configured to simulate for 48 hours.

IMPORTANT!

Battery must be fully charged before giving the simulator to students.

After 48 hours, the simulator can last up to 12 hours in standby mode. Therefore, the simulator must be returned back to the instructor asap to recharge the battery; otherwise the power module may be damaged.

- During this time the Simulator may register:
 - Up to 200 needs
 - Up to 200 cares
 - Up to 50 fouls
- Data is cumulative, meaning that if the Instructor does not delete the performance data (performance results (%), needs, cares and fouls counting), then the performance results will be calculated based on the historical data so for this reason, deleting performance data must be done before starting a new simulation to avoid data corruption.
- The simulator may be setup and started at any time and turned off until the time the simulator is returned to the student. When turned back on, the simulator automatically restarts the simulation for 48 hrs.



It is important to identify the **Accessories Reading Zone**, which is commonly located by the simulator's chest.

11.2 MY SMARTBABY SIMULATION DYNAMICS

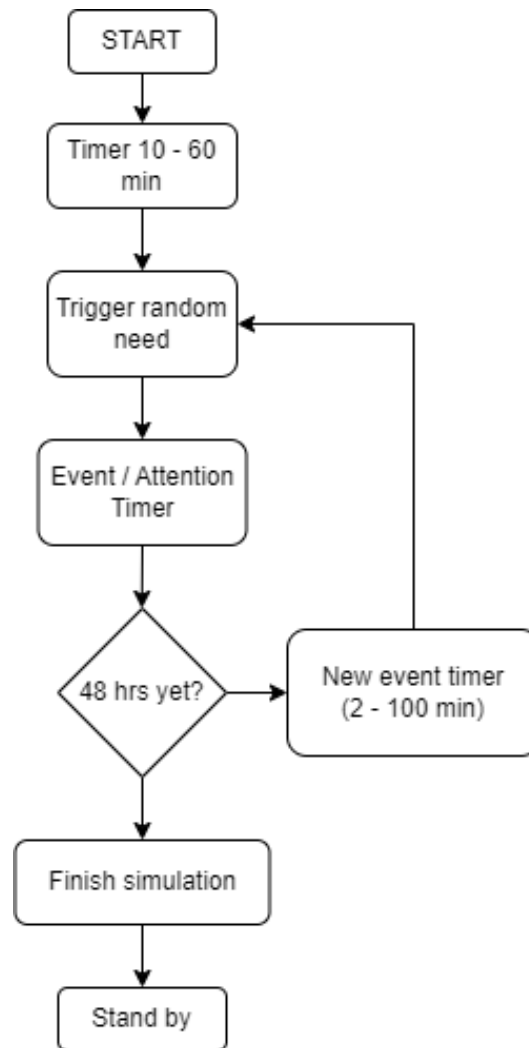


Fig. 10.11 FLOW DIAGRAM

DIFFICULTY LEVEL			
LEVEL	EVENT/ATTENTION TIME	CRYING TUNE	PREDICTABLE
1 = EASY	2 mins	Fixed	Yes
2 = MID	5 - 7 min	Fixed	Yes
3 = HARD	5 - 7 min	Random	No

FLOW CHART - STUDENT SIMULATION USING THE MY SMARTBABY
Simulation started
The first random need by the My SmartBaby will occur 10-60 minutes later.
Then further needs will be performed one after the other one, either as soon as a couple of minutes, or as late a couple of hours.
<p>The type of needs will always perform randomly, and sometimes needs may be repeated one after the other one.</p> <ul style="list-style-type: none"> ● Food ● Diaper ● Rocking ● Medicine ● Toy
<p>The crying will perform according to the difficulty level:</p> <ul style="list-style-type: none"> ● 1 Easy: Predictable, each event/need has a characteristic cry ● 2 Mid: Predictable, each event/need has a characteristic cry ● 3 Hard: Unpredictable, all cries are random
<p>The sensitivity level will determine how hard impacts/shaking or hits are detected:</p> <ul style="list-style-type: none"> ● 1 Low: The simulator reacts to only significant notable changes in motion and taps; and hard impacts/severe shaking or hits are detected. ● 2 Mid: The Simulator reacts to normal changes in motion and taps; and moderate impacts/hits are detected. <u>Keep sensibility at this level.</u> ● 3 High: The Simulator reacts to slight changes in motion and taps; and impacts/hits are detected easily.
<p>During the 48 hrs the simulator detects motion, taps, impacts or hits, whenever an impact or <u>hit is detected</u>, the simulator starts crying for 2 up to 3 minutes. During this time the student will not be able to interact with the Ssmulator; the simulator will shut down the crying 2 or 3 minutes later.</p>
<p>After 48 hrs of simulation, the My SmartBaby enters into standby mode for up to 12 hrs, until returned back to the instructor. Please then charge.</p>

11.3 FEEDING YOUR MY SMARTBABY - BABY BOTTLE

- The feeding process takes from 2 up to 6 minutes depending on the difficulty level; the higher the difficulty level, the longer the time.
- Every time feeding is activated, the number of needs is calculated as 'two' because the simulator must be fed and burped.
- If fed correctly with the baby bottle (tapping the sensor that is on the bottom of bottle to the lower chest each time the baby cries over the few minutes) and then burped successfully, then the number of cares is added by two.
- If only fed, but not burped, the performance will register only one care.
- If not fed, no cares are recognized.

STEP	DESCRIPTION
1	The My SmartBaby starts crying.
2	The student must identify herself/himself by bringing up their parent ID to the simulator's chest. The simulator will 'beep' to confirm reading the parent ID. <u>If the student does not identify herself/himself, then no accessories will be recognized therefore no cares will be registered.</u>
3	The student then must bring up the baby bottle to the simulator's chest. The simulator will beep to confirm reading. The simulator will start drinking milk for 30-90 seconds.
4	The simulator will start crying again. This performance demands the student to be present all the time during the feeding process.

<p>5</p>	<p><u>Repeat step 3 & 4 as many times as needed, until the simulator emits a "coughing" sound.</u></p> <p>This indicates that the simulator has been fed, and now the burping need is automatically triggered.</p>
<p>6</p>	<p><u>Burp the simulator either by taping the back, or by rocking the simulator.</u></p> <p>The burping time may take from a few seconds up to 4 minutes. This performance will depend on the stimuli received by the student.</p>
<p>7</p>	<p><u>If the simulator emits a "burping" sound then the burping care is registered.</u></p> <p>If not, the simulator will not register the burping care.</p>

11.4 CHANGING THE MY SMARTBABY'S DIAPER / NAPPY

- Changing diapers/nappies takes from 2 up to 5 minutes depending on the student's skills.
- Every time diaper/nappy is triggered, the number of needs automatically is added by one.
- If the change is made successfully, then the number of cares is added by one.
- It is important to let students know that diapers/nappies are identified as diaper/nappy 1 and 2. Ideally, diaper 1 is the one the simulator must be wearing on when turning simulators to students.

Step	Description
1	<p>The My SmartBaby starts crying.</p> <p><i>*Sometimes "giggles" is activated as the crying sound in "hard" difficulty level, which confuses the student because "giggles" is the indication that the diapers/nappies have been changed successfully. This situation is intended for that purpose.*</i></p>
2	<p>Student must identify herself/himself by bringing up the parent ID to the simulator's chest.</p> <p>The simulator will beep to confirm reading.</p> <p>If the student does not identify herself/himself no accessories will be recognized; therefore no cares will be registered.</p>
3	<p>Student must remove diaper 1 first and bring it to the simulator's chest (you can feel the sensor sewn into the diaper/nappy).</p>
4	<p>Student must put on diaper/nappy 1 to the simulator.</p>
5	<p>Student must bring up diaper/nappy 2 to the simulator's chest.</p>
6	<p>The simulator will <u>giggle</u>, indicating that the diaper/nappy change has <u>been made successfully</u>.</p>

11.5 MY SMARTBABY NEEDS CALMING - ROCKING

- Rocking takes from 2 up to 5 minutes depending on the student's skills, and the difficulty level.
- Every time rocking is triggered, the number of needs automatically is added by one.
- If rocking is successful, then the number of cares is added by one.

Step	Description
1	<p>The simulator starts crying.</p> <p><i>Sometimes "giggles" is activated as the crying sound in "hard" difficulty level; which confuses the Student because "giggles" is the indication that rocking is being performed correctly. This situation is intended for that purpose.</i></p>
2	<p>The student must identify herself/himself by bringing up the parent ID to the simulator's chest.</p> <p>The simulator will beep to confirm reading.</p> <p>If the student does not identify herself/himself no accessories will be recognized, therefore no cares will be registered.</p>
3	<p><i>Students should then rock the My SmartBaby.</i></p>
4	<p>The simulator will giggle, indicating that rocking is being performed correctly.</p> <p>If rocking stops too early, then the simulator will start crying again.</p>
5	<p><u>Repeat step 3 until the simulator stops crying, and a "sleeping" sound is reproduced, indicating that rocking was performed successfully.</u></p>

11.6 PROVIDING MEDICINE TO MY SMARTBABY

- A need for medicine event may take from 1 up to 5 minutes, depending on the student's skills.
- Every time the need for medicine is triggered, the number of needs automatically is added by one. The sensor is on the bottom of the medicine bottle (which should be raised to the chest).
- If medicine is given successfully, then the number of cares is added by one.



Step	Description
1	The simulator starts crying.
2	Student must identify herself/himself by bringing up the parent ID to the simulator's chest. The simulator will beep to confirm reading. If the student does not identify herself/himself no accessories will be recognized, therefore no cares will be registered.
3	Student must bring up the medicine to the simulator's chest.
4	The simulator will make a "coughing" sound, indicating that the medicine has been taken successfully.

11.7 PLAYING WITH A TOY/PARENT'S UNDIVIDED ATTENTION

- Playing with the toy may take from 2 up to 5 minutes depending on the student's skills, and the difficulty level.
- Every time the need "toy" is triggered, the number of needs automatically is added by one.
- If "toy" is made successfully, then the number of cares is added by one.

Step	Description
1	The simulator starts crying.
2	Student must identify herself/himself by bringing up the parent ID to the simulator's chest. The simulator will beep to confirm reading. If the student does not identify herself/himself no accessories will be recognized, therefore no cares will be registered.
3	Student must bring up the toy to the simulator's chest.
4	The simulator will make "sucking" sounds, indicating that the simulator is recognizing the toy.
5	The simulator will cry again.
6	Repeat step 3 until the simulator crying and a "sleeping" sound is reproduced, indicating that toy was performed successfully.

11.8 MISTREATMENTS/FOULS

- A foul takes place whenever an impact or hit is detected by the simulator.
- Each time an impact or hit is detected, the fouls counter adds up by one. This count will affect the final performance by subtracting the number of fouls times two.

Step	Description
1	<p>The simulator starts crying out loud.</p> <p><i>Sometimes this crying is triggered as the crying sound for other needs in Hard difficulty level, which confuses the student because she/he thinks that the simulator has been harmed; this situation is intended for that purpose.</i></p>
2	<p>The simulator will cry out loud for about 3 minutes.</p> <p><u>No accessories, nor rocking, will be detected during this time, including the parent ID.</u></p> <p>Sometimes, impacts or hits are given to the Simulator accidentally during a care; in this case, accessories will be detected normally.</p> <p>No other Impacts/Hits will be detected for about 2 minutes.</p>
3	<p>After 3 minutes, the simulator will quiet on its own.</p>

12. MANUAL/OFFLINE SETTINGS

The simulator has the “offline settings” disabled by default when the simulator is turned on.

The simulator is capable of setting up a simulation by using the set of tags without WIFI/app connectivity; these settings and instructions are basic though. In this mode, using the app is optional. We would say this would only be used rarely.

Also, when “off line settings” are activated, the simulator will keep indicating that the motion sensor is active; this is one way to determine the motion sensibility.

The instructor must keep the “emergency instructor” tag at all times, students must not have access to this tag.

The instructor will have up to 10 minutes to activate this “off-line settings” function with the “emergency instructor” key/Tag right after the simulator has been turned on, or restarted.



In this mode, the saved TAGs will work as instructions to the simulator, rather than accessories. The set of TAGs must be already saved into the Simulator before entering into this mode.

TAG	INSTRUCTION	DESCRIPTION
Instructor	Enable/Disable Offline Settings	Enables/disables "Offline Settings" functionality. Enabled: tags work as Instructions rather than accessories.
Parent	Performance	It describes the Performance verbally: <ul style="list-style-type: none"> ● Excelente ● Good ● Poor ● Bad
Bottle	Start Simulation	It starts a simulation. Once the simulation is started, the "settings" go off, which means that tags will work as accessories again.
Diaper 1	Erase Performance	The simulation data is erased, including number of cares, Needs, fouls and performance.
Diaper 2	Forget wifi credentials Turn wiFi off.	Forget (deletes) wifi credentials. It turns the simulator's wiFi module off for saving energy purposes.

12.1 ENABLE/DISABLE OFFLINE SETTINGS

Step	Description
1	Make sure the simulator is fully charged before running a 48hrs simulation.
2	Turn the simulator on. The status LED does not matter when enabling offline settings.
3	<p>Bring up the “emergency instructor” tag to the simulator's chest.</p> <p>The simulator will say “instructor, settings on”.</p> <p>The “off-line settings” will be enabled.</p> <p>If a simulation is in progress then the simulation will be finished, in this case the voice alert will be “simulation finished”</p> <p><u>Accessories will work as instructions (previous page) during this mode.</u></p>
4	<p>Turn wifi module off by approaching the “Diaper 2” Tag. This step is optional.</p> <p>This is for saving energy purposes.</p> <p>The Simulator will beep for about 1 second to confirm this instruction.</p>
5	<p>Bring up the “emergency instructor” tag to the simulator's chest again.</p> <p>The simulator will say “instructor, settings off”.</p> <p>The “off-line settings” will be disabled.</p> <p>Accessories will work as they normally do. Either way the “off-line settings” will be disabled automatically after 10 minutes with a long beep confirmation.</p>

12.2 HOW TO START A SIMULATION WHEN OFF LINE

Step	Description
1	Make sure the simulator is fully charged before running a 48hrs simulation.
2	Turn the simulator on. The status LED does not matter when enabling offline settings.
3	<p>Bring up the “emergency instructor” tag to the simulator's chest.</p> <p>The simulator will say “instructor, settings on”.</p> <p>The “off-line settings” will be enabled.</p> <p>If a simulation is in progress, then the simulation will be finished, in this case, the voice alert will be “simulation finished”.</p> <p>Accessories will work as instructions during this mode.</p>
4	<p>Turn wifi Module off by approaching the “Diaper 2” Tag. This step is optional.</p> <p>This is for saving energy purposes.</p> <p>The simulator will beep for about 1 second to confirm this instruction.</p>
5	<p>Bring up the “diaper/nappy 1” in order to delete the last simulation data (performance, needs, cares and fouls).</p> <p>The voice alert will be: “no simulation”</p>
6	<p>Bring up the “bottle” tag to the simulator's chest in order to start the simulation. From this moment on, the simulation will run for 48 hrs.</p> <p>The voice alert will be: “simulation started”.</p> <p>“Off-line settings” will be automatically disabled.</p>

12.3 HOW TO FINISH A SIMULATION WHEN OFF LINE

Step	Description
1	Make sure the simulator is 50% charged at least.
2	<p>Turn the simulator off and wait for about 5 seconds before turning it back on.</p> <p>Turn the simulator on. The status LED does not matter when enabling offline settings.</p>
3	<p>Bring up the “emergency instructor” tag to the simulator's chest.</p> <p>The simulator will say “instructor, settings on”.</p> <p>The “off-line settings” will be enabled.</p> <p>If a Simulation is in progress then the simulation will be finished, in this case the voice alert will be “Simulation finished”.</p> <p>Accessories will work as instructions during this mode.</p>
4	<p>Bring up the “parent” tag in order to activate the voice alert about the “performance results” of the last simulation.</p> <p>“Your performance was excellent” = Performance is equal or greater than 90 points.</p> <p>“Your performance was good” = Performance is between 70 and 89 points.</p> <p>“Your performance was acceptable” = Performance is between 50 and 69 points.</p> <p>“Your performance was poor” = Performance is less than 50 points.</p> <p>“No simulation” = No Simulation data is available.</p>

<p>5</p>	<p>Bring up the “diaper/nappy 1” tag to delete the last simulation data (performance, needs, cares and fouls).</p> <p>The voice alert will be: “No simulation”</p>
<p>6</p>	<p>Bring up the “emergency instructor” tag to the simulator’s chest again.</p> <p>The simulator will say “instructor, settings off”.</p> <p>The “off-line settings” will be disabled.</p> <p>Accessories will work as they are.</p> <p>Either way the “off-line settings” will be disabled automatically after 10 minutes with a long beep confirmation.</p>

12.4 TURN WIFI MODULE OFF WHEN OFFLINE

- Turning wiFi module off saves a lot of Eenergy, so it is desired to turn it off if not being used when the CPU is turned On.
- The wiFi module will automatically turn Off after 10 minutes of inactivity; however, it is important to manually turn it off during offline operation.

Step	Description
1	Make sure the simulator is at ;east 50% charged.
2	Turn the simulator on. The status LED does not matter when enabling off-line settings.
3	<p>Bring up the “emergency instructor” tag to the simulator's chest.</p> <p>The simulator will say “instructor, settings on”.</p> <p>The “off-line settings” will be enabled.</p> <p>If a simulation is in progress then the simulation will be finished. In this case, the voice alert will be “simulation finished”.</p> <p>Accessories will work as instructions during this mode.</p>
4	<p>Turn wifi module off by approaching the “Diaper 2” tag.</p> <p>The simulator will beep for about 1 second to confirm this instruction.</p>
5	<p>Bring up the “emergency instructor” tag to the simulator's chest again. The simulator will say “Instructor, settings off”.</p> <p>The “off-line settings” will be disabled.</p> <p>Accessories will work as they are.</p> <p>Either way the “off-line settings” will be disabled automatically after 10 minutes with a long beep confirmation.</p>

13. BATTERY

- Battery Type: Li-ion
- Battery Capacity: 4000 mAh
- Input: DC 5Vdc 2.0 A
- Charging time: 2 to 4 hours
- Operating temperature: 0°C to 35°C
- Storage temperature: -5°C to 40°C
- Operating/storage humidity: 10% to 70% RH

13.1 BATTERY PERFORMANCE

- The battery must be fully charged before giving the simulator to the student.
- The battery will last 48 hrs+ and up to 12 hrs in standby mode after simulation has been finished. The Simulator must be turned back to the instructor before the 12 hrs elapse because the battery may be over-discharged, causing damage to the battery itself and to other modules, as well.
- For proper operation the battery must be fully charged for interacting with wifi, ISS apps or offline settings.
- The minimum required battery level for wifi interaction is 50%.
- It is not recommended to operate the simulator while charging.

13.2 CHARGING BATTERY



- The battery must be charged with the provided wall charger and the USB male type A cable provided. The plug is designed with different adapters for use in different countries.
- Fast-charge chargers are not recommended for this CPU model.
- Fast-charge cables are strongly recommended for this CPU model.
 - USB adapters may be used in conjunction with USB fast charge cables (e.g. USB female type C to USB male type A)
- Make sure the room temperature is between 5°C (40 °F) and 30°C (86 °F), humidity is between 10% to 70%.
 - Higher temperatures may lead to charger or battery damage.
- Keep Simulator (CPU) away from heat sources, direct sunlight, combustible gas, humidity, water, or other liquids.
- In the event of charging multiple Simulators, please make sure chargers are separated one from another, so that each charger may dissipate heat properly.
- If using cord extension or multi-contacts, please make sure these are grounded properly and working correctly.
- Charging the battery may take from 2 hrs up to 4 hrs depending on the charger, cable, and adapters used. Also, it depends on the actual battery level.
- Battery level is Indicated by four LEDs at the back of the CPU.
 - ● - Level \leq 25% (Low Battery Warning)
 - ●● - 25% < Level \leq 50%
 - ●●● - 50% < Level \leq 75%
 - ●●●● - 75% < Level \leq 90%
 - **FULLY CHARGED** (four LEDs steady) = ●●●●
 - If the first LED blinks alone rapidly, remains ON, or dims, then it means that there has been an over-discharge.



- If the fourth LED blinks alone or remains ON alone, then there is an error in the charging process or there is a short circuit.
 - Make sure the electrical outlet, charger, cables and adapters are working correctly.
- The apps show an estimate of the battery level. However, it is always recommended to fully charge the battery before operating the unit.
 - The other way to estimate the battery level is to plug a charger to the CPU and the charge will be displayed by four LEDs.
 - Some LEDs may remain on, indicating that the charge is over that level. The blinking LED indicated that the charging process is completing that specific level.
 - If four LEDs remain ON with the charger plugged in, then it means that the battery is fully charged.
- If the time takes longer than 4 hrs, please interrupt the charging process.
 - Make sure the electrical outlet, charger, cables and adapters are working correctly.
 - Use fast charge USB cables.
- NEVER leave unattended a Simulator during the charging process.
- NEVER charge the Simulator overnight or for more than 8 hours.

13.3 Battery Lifespan

The battery is projected to have a lifespan of 200 charge-discharge cycles / approximately 3 years. After this period or cycles, the battery decreases its performance by discharging faster than regular, or by taking longer periods during the charging process.

In order to preserve the lifespan of the battery, please follow the next instructions:

- Execute a discharge-charge cycle at least once a week.
- Store the simulator (CPU) in a place with room temperature between 5°C (40 °F) and 30°C (86 °F) and humidity between 10% to 70%.
- Make sure the simulator(CPU) is not exposed to the sunlight for long periods of time.
- Never expose the simulator (CPU) to temperatures higher than 35°C/95F for long periods of time.
- Never leave the simulator (CPU) in a confined or enclosed vehicle or places exposed to the sunlight like cars, storages, boxes, or similar. The



- inner temperature increases notably in a confined place exposed to the sunlight.
- Never expose the simulator (CPU) to wet places.
 - Store the simulator (CPU) face down. The CPU Label must be facing up.
 - Do not over-abuse the simulator (CPU) with strong impacts nor throw it away.
 - Do not pile or put heavy objects over the simulator (CPU), or subject the CPU to mechanical shock such as crushing, bending, puncturing, or shredding.
 - Do not insert metal or foreign objects into the CPU, so as to avoid short circuits or damage.
 - Do not disassemble, open, damage, jolt, or burn, incinerate, microwave, paint, or insert foreign objects into the Simulator (CPU).
 - Do not arbitrarily discard the CPU, nor batteries. Recycle used batteries in accordance with local laws.
 - If not used long-term, charge the CPU once every month to maintain the battery lifespan.
 - If the CPU is out of power (LED indicator remains dim) immediately charge the CPU.
 - Keep simulator (CPU) away from heat sources, direct sunlight, combustible gas, humidity, water or other liquids.
 - Do not short circuit the CPU or store it in a receptacle where it might be short-circuited by other metallic or conductive objects.
 - Do not operate the CPU if it has been wet or otherwise damaged, to prevent electric shock, explosion and/or injury. Contact the dealer or authorized agent.
 - Simulators (CPU) usage by children must be supervised.

13.4 Battery Replacement

The battery may be replaced after the lifespan has elapsed, or by any other damage. Please contact your our customer service team for a battery replacement service.



14. MAINTENANCE

14.1 SIMULATOR LIFESPAN

The lifespan for the CPU may be upwards of 5 years with the correct maintenance program.

In order to preserve the lifespan of the CPU please follow the next instructions:

- Use authorized touchless accessories only.
- Use authorized cables, adapters, and chargers only.
- Follow all instructions stated in this User Guide.
- If not used long-term, charge the CPU once every month to maintain the battery lifespan.
- Store the simulator (CPU) in a place with room temperature between 5°C (40 °F) and 30°C (86 °F) and humidity between 10% to 70%.
- Store the simulator (CPU) face down. The CPU Label must be facing up.
- Make sure the simulator(CPU) is not exposed to the sunlight for long periods of time.
- Never expose the simulator (CPU) to temperatures higher than 35°C/95F for long periods of time.
- Never leave the simulator (CPU) in a confined or enclosed vehicle or places exposed to the sunlight like cars, storages, boxes, or similar. The inner temperature increases notably in a confined place exposed to the sunlight.
- Never expose the Simulator (CPU) to wet places.
- Do not over-abuse the Simulator (CPU) with strong impacts nor throw it away.
- Do not pile or put heavy objects over the Simulator (CPU), or subject the CPU to mechanical shock such as crushing, bending, puncturing, or shredding.
- Do not insert metal or foreign objects into the CPU, so as to avoid short circuits or damage.
- Do not disassemble, open, damage, jolt, or burn, incinerate, microwave, paint, or insert foreign objects into the simulator (CPU).
- Do not arbitrarily discard the CPU, nor batteries, recycle used batteries in accordance with local laws.

- If the CPU is out of power (LED indicator remains dim), immediately charge the CPU.
- Keep simulator (CPU) away from heat sources, direct sunlight, combustible gas, humidity, water, or other liquids.
- Do not short circuit the CPU or store it in a receptacle where it might be short-circuited by other metallic or conductive objects.
- Do not operate the CPU if it has been wet or otherwise damaged, to prevent electric shock, explosion and/or injury. Contact the dealer or authorized agent.
- Simulators (CPU) usage by children must be supervised.
- Replace the battery whenever it is required, or by the third year after purchase.
- Replace accessories whenever required.
- Keep Apps and firmware versions updated.
- Keep track of new updates of this manual by consulting the web panel at the [resources section](#).
- Keep track of new updates of the wifi firmware version by consulting the web panel at the [resources section](#).

14.2 HOW TO CALIBRATE YOUR SIMULATOR

Owners and instructors are allowed to generate "[calibration codes](#)". However, only Instructors are allowed to perform calibrations with the app. These codes will be entered in the app in order to activate the calibration menu.


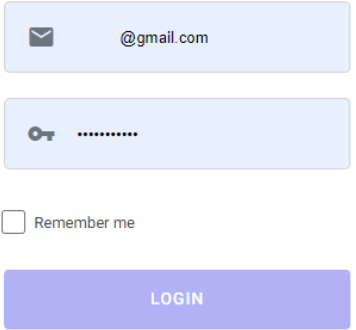
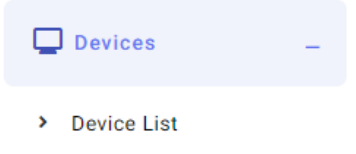

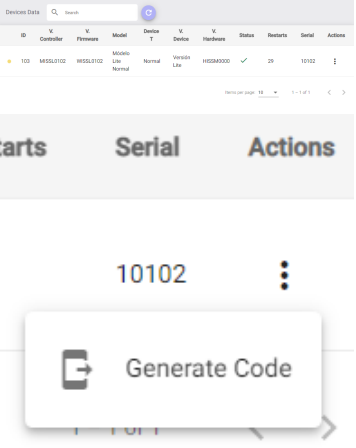
IMPORTANT!

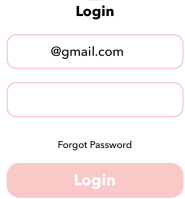

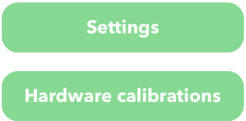
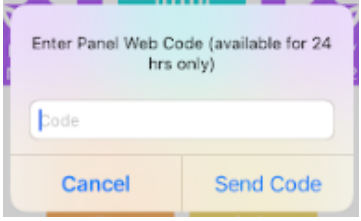
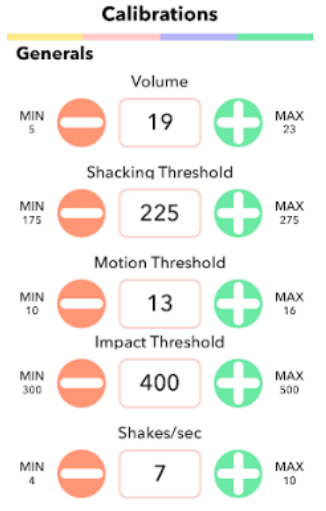
CALIBRATION IS AN ADVANCED PROCESS. IT MUST BE PERFORMED ONLY IF IT IS STRICTLY NECESSARY

PLEASE CONTACT TECH SUPPORT FOR SPECIAL GUIDANCE BEFORE PROCEEDING.

NO SIMULATION MUST BE IN PROGRESS.

INTERNET ACCESS IS MANDATORY. THEREFORE, THE SIMULATOR MUST BE CONFIGURED AS STATION MODE CONNECTED TO A LOCAL NETWORK.

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	
2	Enter your "Owner" or "emergency instructor" login email and password . Next, click on "Login" .	
3	Open the "Devices" menu, and click on "Device List" .	
4	Select the device from the list based on the device's serial number. Click on options  , and then click on "Generate Code" .	
Use this generated code for the next steps.		

STEP	DESCRIPTION	EXAMPLE
1	Connect your mobile device with the simulator. 7.2 HOW TO CONNECT WITH SIMULATORS	
2	If a simulation is in progress the “Finish” button will be orange. Tap on “ Finish ” in order to stop a simulation.	
3	Tap on the “ Hardware Calibrations ” button from the Advance Options.	
4	Enter the code provided by the Web Panel, and tap on “ Send Code ”.	
5	Proceed as instructed by the Tech Support Team.	

	<p>Options in gray are disabled because they are exclusive for tan advanced future version.</p>	<div style="text-align: center;"> <p>Calibrations</p> <hr style="border: 2px solid #00FFFF; width: 100%;"/> <p>Positions</p> <div style="display: flex; flex-direction: column; gap: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #cccccc; padding: 5px; border-radius: 10px;">Face Down</div> <div style="border: 1px solid #00FF00; border-radius: 10px; width: 40px; text-align: center;">0</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #cccccc; padding: 5px; border-radius: 10px;">Upside down</div> <div style="border: 1px solid #00FF00; border-radius: 10px; width: 40px; text-align: center;">0</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #cccccc; padding: 5px; border-radius: 10px;">Lay down / Up</div> <div style="border: 1px solid #00FF00; border-radius: 10px; width: 40px; text-align: center;">0</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #cccccc; padding: 5px; border-radius: 10px;">Left Breast</div> <div style="border: 1px solid #00FF00; border-radius: 10px; width: 40px; text-align: center;">0</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #cccccc; padding: 5px; border-radius: 10px;">Right Breast</div> <div style="border: 1px solid #00FF00; border-radius: 10px; width: 40px; text-align: center;">0</div> </div> </div> </div>
	<p>Do not modify this section.</p> <p>Factory purposes only.</p>	<div style="text-align: center;"> <p>Serial Number and Password</p> <div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> <div style="background-color: #cccccc; padding: 5px; border-radius: 10px; width: 60px;">10102</div> <div style="border: 1px solid #FF0000; border-radius: 10px; padding: 5px; width: 60px;">Password</div> </div> <div style="background-color: #00FF00; color: white; padding: 10px; border-radius: 15px; width: 100px; margin: 0 auto;">Save changes</div> </div>
	<p>If you modified calibrations accidentally, please tap on the “Factory Settings” button in order to reset the simulator’s calibrations.</p>	<div style="text-align: center;"> <p>Reset</p> <div style="background-color: #00FF00; color: white; padding: 10px; border-radius: 15px; width: 150px; margin: 0 auto;">Factory Settings</div> </div>

15. WiFi FIRMWARE UPDATE

Wifi Firmware: software (binary file (.bin)) stored in the CPU's wifi module.

Pass Code: Password required for updating the simulator's wifi firmware.
This code is written down as the attached "Unique QR code" for registration.


The CPU's wifi module offers an easy way to make eventual updates to its firmware. These updates are the result of performance improvements of our products and/or bug fixes in order to match compatibility with Networks, Internet, operating systems, etc .

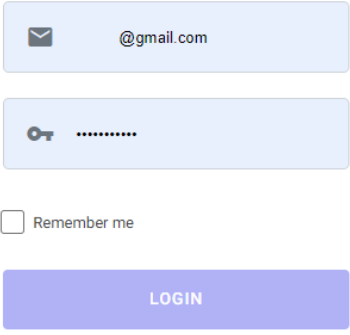
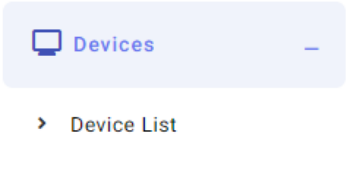
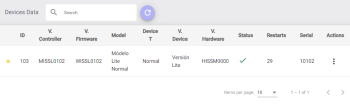

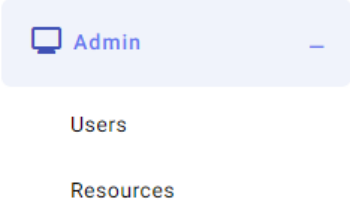
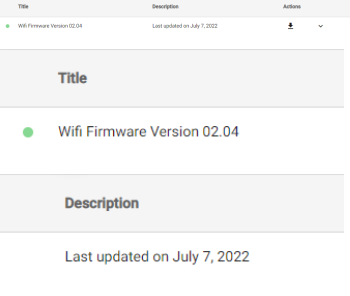
This WiFi Update is exclusively for wifi related content. That is, it does not affect the simulation process at all. In order to modify or update the simulation process, a microcontroller (MCU) firmware update will be necessary; sometimes this process involves hardware updates, as well. For a MCU update, please contact WRS Group Ltd., in order to perform these tasks with assistance from Inercia Labs.

WARNING: The CPU WiFi Update is not compatible with IOS devices, nor with Safari browsers.

15.1 HOW TO VERIFY FIRMWARE VERSION

The simulator (as Station) must be connected to a local network in order to send its CPU data to the web panel. [How to turn to Station.](#)

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	

<p>2</p>	<p>Enter your “Owner” or “nstructor” login email and password. Next, click on “Login”.</p>	 <p>A login form with an email input field containing '@gmail.com', a password input field with dots, a 'Remember me' checkbox, and a blue 'LOGIN' button.</p>
<p>3</p>	<p>Open the “Devices” menu, and click on “Device Lis”.</p>	 <p>A navigation menu with a 'Devices' item highlighted in blue. Below it is a link for 'Device List' with a right-pointing arrow.</p>
<p>4</p>	<p>Select the device from the list based on the device's serial number.</p>	 <p>A table with columns: ID, Controller, Firmware, Model, Device Type, Device Hardware, Status, Restore, Serial, Actions. A row is highlighted with ID 112, Model WISSL0102, and Serial 10102.</p>
	<p>This is the Wifi Firmware version. The last four digits represent the version number. Example Version = 01.02</p>	 <p>A card showing 'V. Firmware' and the device ID 'WISSL0102'.</p>
<p>5</p>	<p>Open the “Admin” menu, and click on “Resources”.</p>	 <p>An 'Admin' menu with 'Users' and 'Resources' options.</p>
<p>6</p>	<p>Look for the latest release. Compare the versions .</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">V. Firmware</div> <div style="margin-right: 10px;">VS</div> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">Title</div> <div style="margin-right: 10px;">●</div> <div style="border: 1px solid gray; padding: 5px;">Wifi Firmware Version 02.04</div> </div> <p>If they don't match, then proceed with Update.</p>	 <p>A details view for 'Wifi Firmware Version 02.04', last updated on July 7, 2022. It shows a green status indicator and a description.</p>


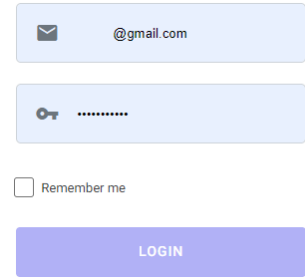
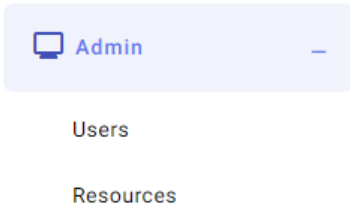
15.2 HOW TO UPDATE FIRMWARE


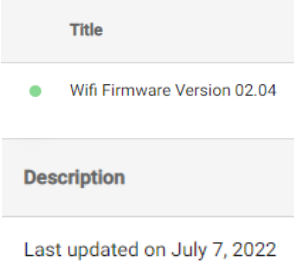



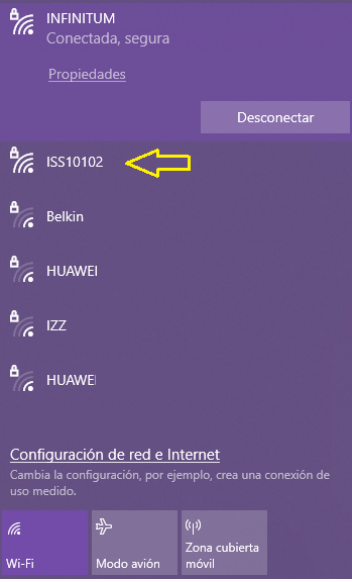
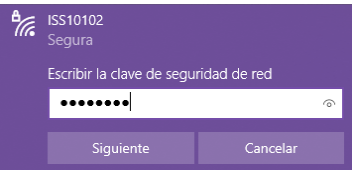
The simulator must be set up as “Access Point” (default) mode. [How to turn to Access Point.](#)

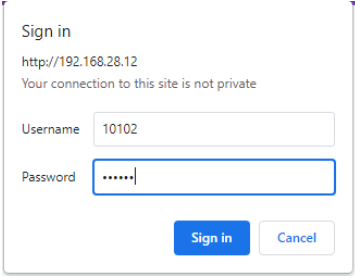
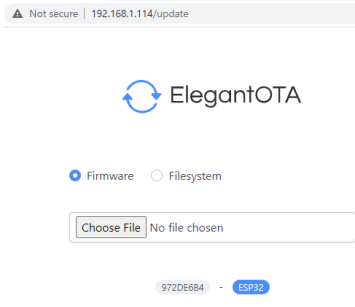

The WiFi Update must be performed with Chrome browser on any Windows/MAC desktop PC or laptop. Also, some Android devices allow this process as well.

For practical purposes, please open this file on the same PC or laptop you will use for updating the firmware.

Keep by the hand the [Pass Code](#).

STEP	DESCRIPTION	EXAMPLE
1	Click on the following link: https://iss.inercitec.com/#/authentication/signin	
2	Enter your “Owner” or “instructor” login email and password . Next, click on “Login”.	
3	Open the “Admin” menu, and click on “Resources”.	

<p>4</p>	<p>Download the latest version. </p> <p>Pay attention what folder the firmware (.bin) file is downloaded to.</p>	
<p>5</p>	<p>Make sure the battery level is 50% at least.</p> <p>Turn the simulator on with the “On/Off” key facing upwards. Wait until the status LED indicates “Access Point” mode (blinks three times every 2 sec).</p>	
<p>6</p>	<p>Click on the Wifi  icon on your computer and wait until the simulator’s Wifi network is displayed: “ISS+Serial Number”</p> <p>Example  ISS10102</p>	
<p>7</p>	<p>Click on this “ISS” network.</p> <p>Enter password “12345678”</p> <p>Click on “Connect/Join” in order to connect your PC/Laptop to the simulator’s Wifi.</p>	

<p>8</p>	<p>Right click on this link, and select the open link in a new tab (Chrome browser).</p> <p>Optionally, open Chrome browser, copy and paste the following link: http://192.168.28.12/update</p> <p>Type the simulator's serial number on the “Username” field.</p> <p>Type the simulator's “Pass Code” on the Password field, and click on “Sign in”</p>	
<p>9</p>	<p>Click on “Choose File”, and select the firmware (.bin) file from the folder you downloaded such a file.</p> <p>The updating process will begin immediately.</p> <p>Do not interrupt this process!</p>	
<p>10</p>	<p>Wait until the “OTA Success” message is displayed.</p> <p>The simulator will restart the Wifi module automatically.</p> <p>Your computer will be disconnected from the ISS network automatically as well.</p>	
<p>11</p>	<p>Close the Chrome Tab.</p>	

16. TROUBLESHOOTING

- **CPU won't connect to wifi**

- Scenario: my simulator has my wifi router credentials saved.
- Trouble: When I reset my simulator it won't connect to my wifi router. After a few seconds the simulator enters in Access Point Mode.
- Possible reasons:
 - WiFi credentials are mistaken.
 - There is no Internet access.
 - The CPU is connected to a Segmented Network.
 - The ISS Cloud Server the Simulator connects to is not working.
- Troubleshooting:
 - Make sure you enter the correct wifi credentials.
 - Make sure your wifi router has Internet access.
 - Make sure the simulator is not connected to a segmented network (where there are multiple wifi routers in the building).
 - If the three points above are checked, then try a couple of more times. If the problem persists, then the ISS cloud server might be under maintenance; please contact technical support. Under these circumstances, please proceed with the simulator in Access Point Mode.

- **App is Slow, slow response**

- Scenario: My simulator is in Station Mode and connected to my local WiFi Router.
- Trouble: Sometimes, the simulator responds in longer periods of time; such as 2, 4 or even 8 seconds later.
- Reason: The WiFi Router gives no priority to the CPU requests.
- Troubleshooting: Reset your local WiFi Router.

17. WARRANTY

WRS Groups Warranty Policy, through Inercitec Technology Labs S.A. de C.V. applies to all customers who purchased a My SmartBaby.

WRS Group Ltd., through Inercitec Technology Labs S.A. de C.V. provides replacement or repair services for defective products within the applicable warranty period.

Please note that WRS Group Ltd., through Inercitec Technology Labs S.A. de C.V. is not responsible for providing replacements or repair services if damaged is caused by (not limited) the following:

- 1) The user followed all instructions and recommendations of this user manual.
- 2) Damage caused by natural calamity or any inappropriate usage.
- 3) Product has been repaired or taken apart by unauthorized technicians.
- 4) The warranty label is altered, damaged or missing.
- 5) Product serial number does not conform to our original system or the label has been damaged.
- 6) Products purchased from unauthorized agents.
- 7) WRS Group Ltd is not liable for any injury, loss of data or any cost incurred from determining the source of system problems, removing, servicing, or handling of WRS Group Ltd., /Inercitec Technology Labs S.A. de C.V. products.

Contact Information

WRS Group Ltd., HEALTH EDCO & Childbirth Graphics

US Office: 624 Texas Central Pkwy, Waco,
TX 76712, United States. Tel: +1
254-776-6461 or 1-855-510-6720 Email:
sales@wrsgroup.com

UK, European & International Office: 1
Maritime Street, Fleetwood, Lancashire
UK FY7 7PB. Tel: +44 (0)1253 771853 Email:
info@wrsgroup.co.uk