4natomy

MOBILE

USER GUIDE

OVERVIEW

This document provides a clear and structured overview of 4natomy Mobile, an educational simulation app developed by MogiGlass. The application leverages NFC technology to enhance interaction between users and physical anatomical components, offering a hands-on learning experience for healthcare and nursing education.
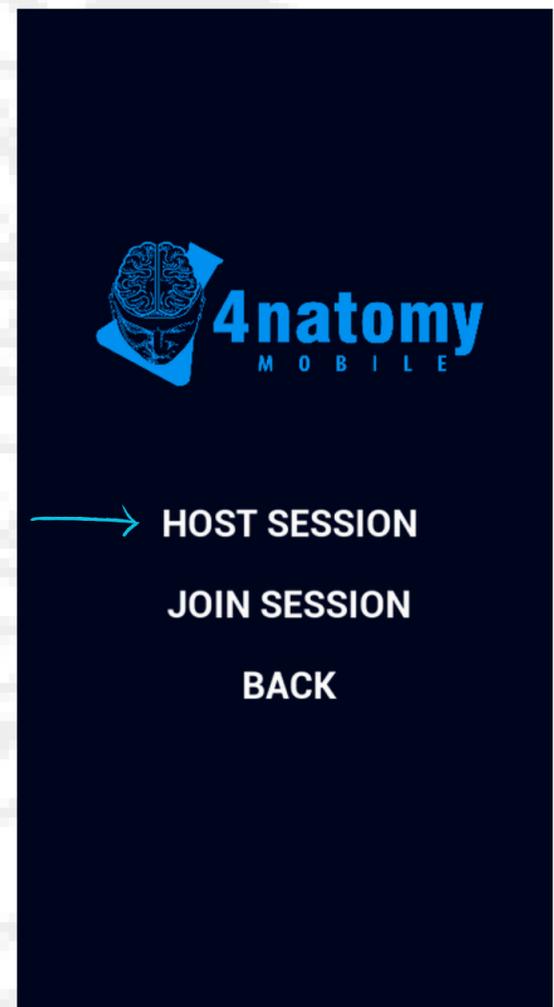
The guide shows the user flow for instructors and students, core features, and procedures for interacting with physical pieces and managing parameters in real time.
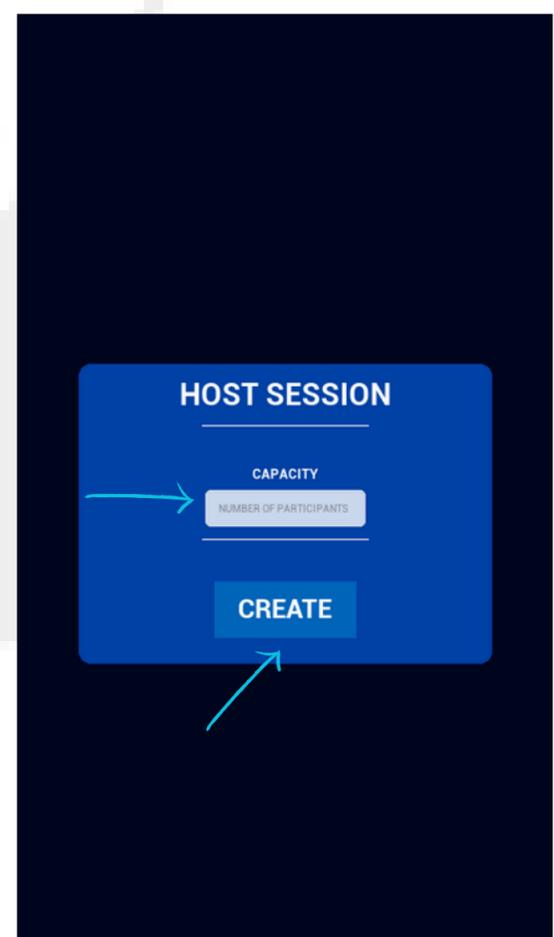
USER FLOW

FOR TEACHERS (SESSION HOST)

1 - Create a Session:

- From the main menu, tap **"START - NFC"**
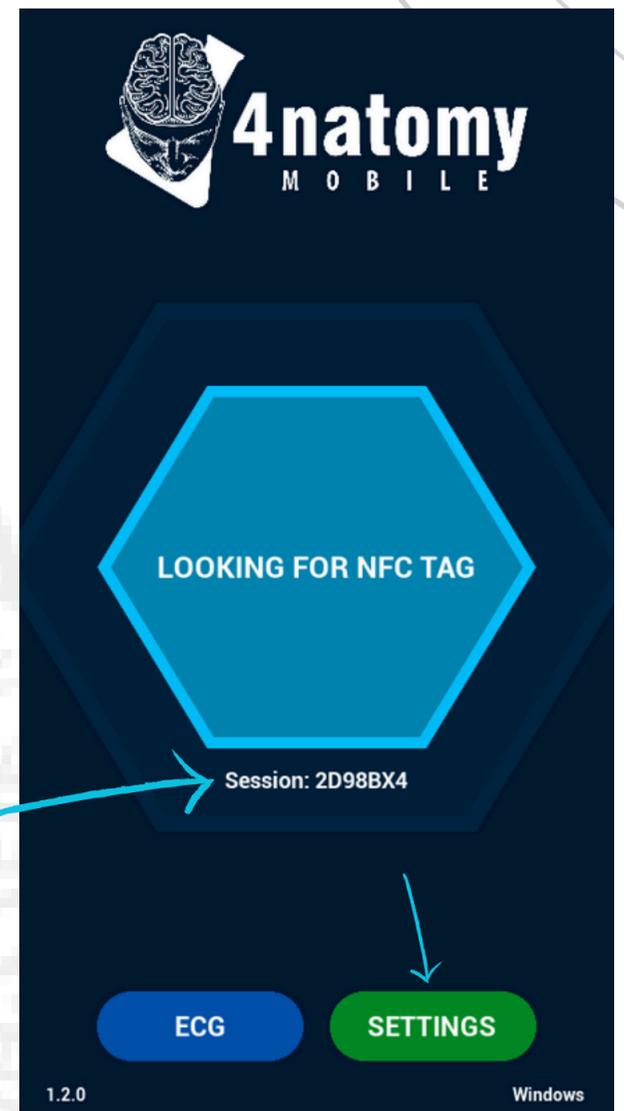- Select **"HOST SESSION"**

- Set the number of available slots for students.
- Tap **"Create"** to launch the session.
- A unique alphanumeric session code will be generated and shared with students to join the session.

2 - Managing Sessions

Once the session is created, you will see the main screen, but with two special features:

- The **"Session Code"**, other devices will need this to be able to find and join your session.
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- The **"Settings"** Button, this will allow you to modify session parameters, only the session host has this features enabled.
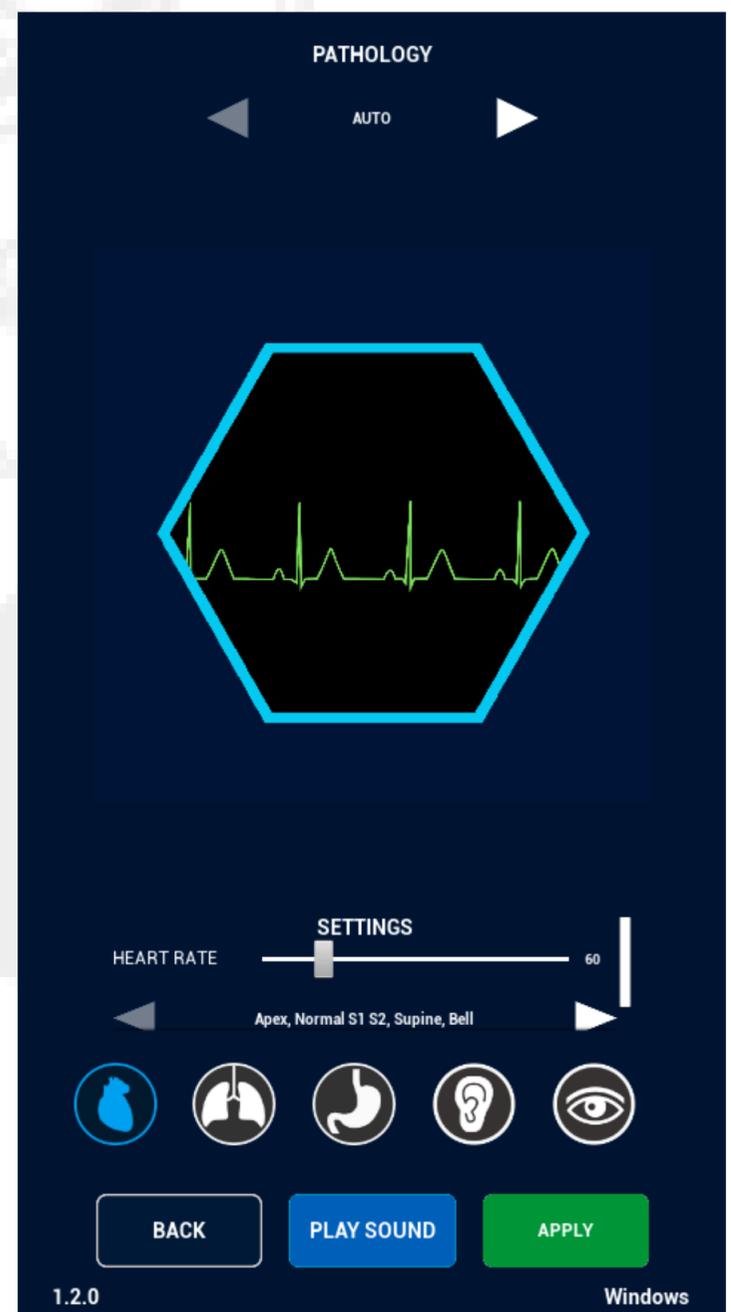
3 - Parameters

While in the Parameters Screen, you have many options to customize your session, in this version we have:

- **Heart:** Heart Rate, Sounds and Pathologies.
- **Lungs:** Breathing Rate, Sounds and Pathologies.
- **Bowel:** Sounds.
- **Ear:** A selection of multiple pathologies and different variations of them.
- **Eye:** Multiple Pathologies and different variations of them

After customizing your parameters, hit the **"Apply"** button to send the changes to everyone in the session.
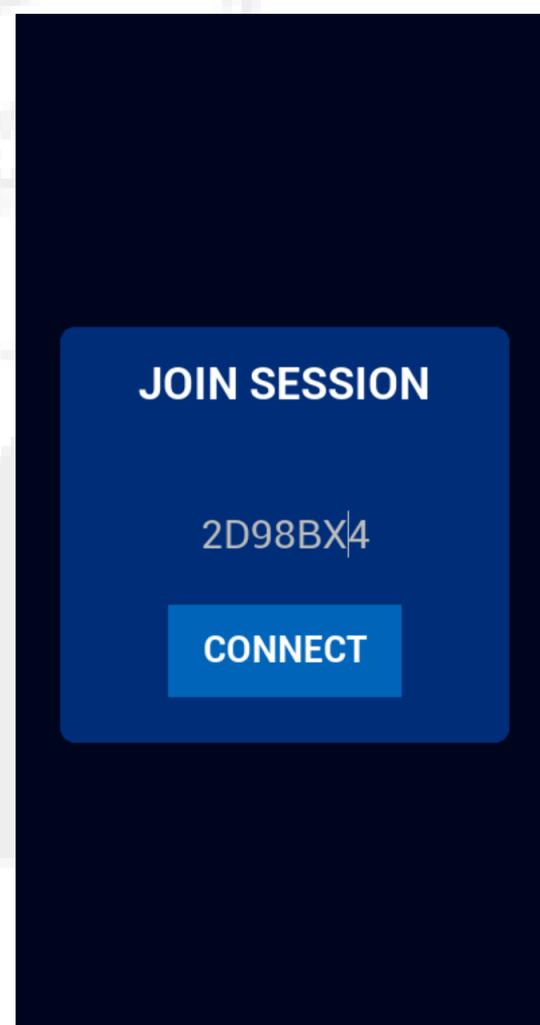
FOR STUDENTS (JOIN SESSION)

1 - Joining a Session:

- From the main menu, tap **"START - NFC"**
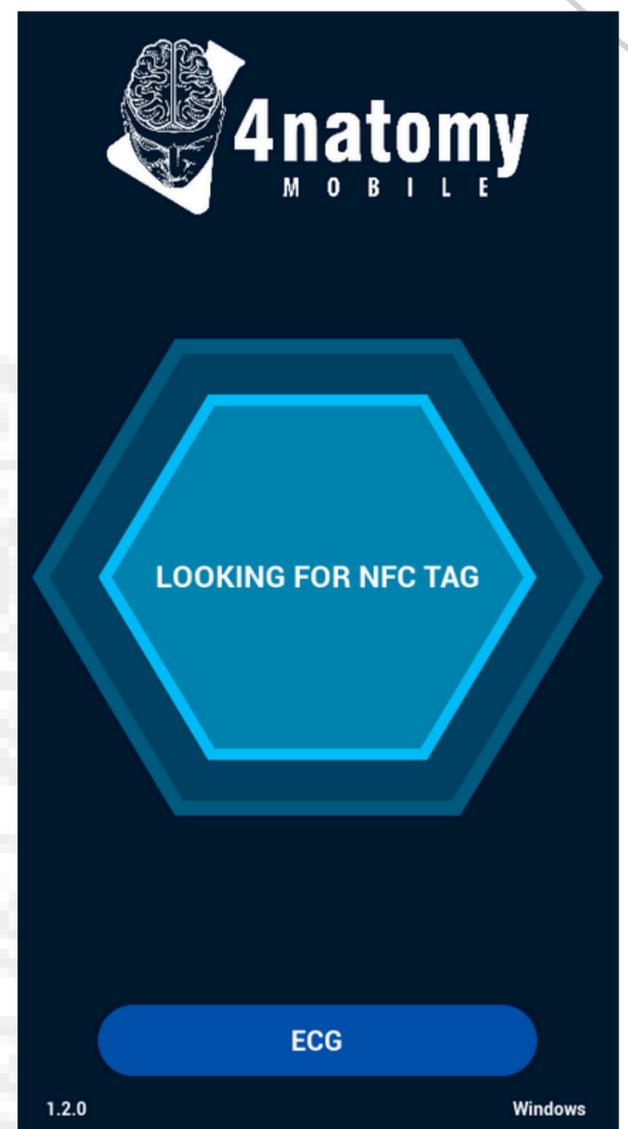- Select **"JOIN SESSION"**

A menu will appear, then:

- Enter the session code provided by the instructor.
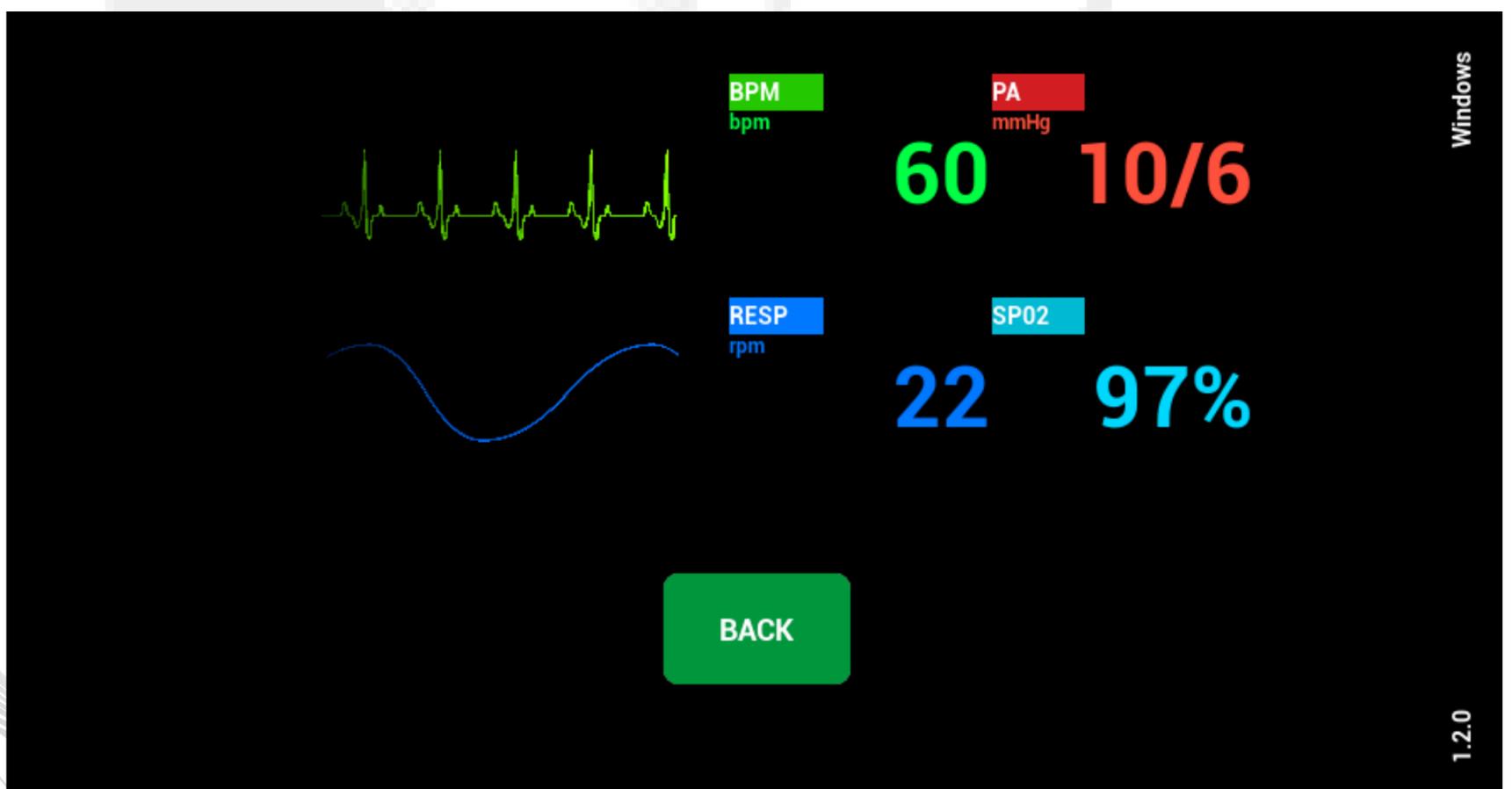- Tap **"Join"** to enter the session.

2 - Interface

After joining the session, you will see the main screen, that allows you to:

- Interact with physical anatomical models equipped with **NFC tags**.

- These interactions trigger specific feedback based on the tag position on the model (audio or visual)

- Hit the ECG button to show the Parameters Screen (Image Below)

The Parameters Screen will show you all the patient's data in real time, and as the Host changes them, they will be reflected here.

READING NFC TAGS

Android Devices

- Bring the center of the device (where the NFC sensor is typically located) close to the NFC-Tag on the model.

- The app will automatically detect and read the tag.

- Upon successful read: a sound will play or an image will appear, depending on the associated anatomical area.

iOS Devices

- Tap the central NFC button in the app.

- An iOS-native popup will appear with instructions.

- Follow the prompt and bring the phone close to the physical component to complete the scan.