Acceptance Tests - Menu

Test Name: **MENUAT1**

Requirements Tested: M1, M2, M3, M4, M5, M6, S2, S5, H1, H5,

Outline: Ensure that the Menu is able to navigate between Sub-Menus and return to the Main Menu

Pre-requisites: System turned on, display functional

Method:

| Step | Action | Expected Observation |
| --- | --- | --- |
| **1** | Use device input such as buttons/sliders to cycle through possible menu options | Display shows cycling of possible menu options through a possible “hover over” state |
| **2** | Use button to select menu option, for example “Start ECG Reading” or “Settings” | Device correctly navigates to the chosen sub menu and the display reflects this |
| **3** | Use button to return to the main menu | Device returns correctly to the main menu and display reflects this |

Test Name: **MENUAT2**

Requirements Tested: M2, M3, M4, H5, ECG(All), S2, S5, DB1, DB5, H6

Outline: Ensure the user can prompt the start of an ECG reading via Menu navigation on the device

Pre-requisites: Device is on, Menu navigation working correctly, ECG sensors connected

Method:

| Step | Action | Expected Observation |
| --- | --- | --- |
| **1** | Use buttons to navigate to “Start Reading” | Device and display correctly reflect the selection |
| **2** | After the reading is complete, use buttons to navigate menu to view results of reading | Displays the correct reading on the screen |
| **3** | Select “View previous readings”, pull from database | Displays correctly |
| **4** | Return to menu using buttons | Display and device reach main menu |

Test Name: **MENUAT3**

Requirements Tested: M1, M2, M7, H1, S5, P6

Outline: Ensure the board can be rebooted as prompted by the user

Pre-requisites: Device is on, Menu navigation working correctly, I/O functional

Method:

| Step | Action | Expected Observation |
| --- | --- | --- |
| **1** | Use buttons to cycle to reboot option | Display reflects this |
| **2** | Use button to select reboot option | Device shuts down safely, then reboots automatically, fully functional and ready to go |