**Acceptance Tests – Screen**

Test Name: S-1

Requirements Tested: S1, S3, E1, E6

Outline: Ensure that the screen displays the heart rate

Pre-requisites: Device is turned on and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Connect the sensors | Sensors are connected |
| 2. | Look at the screen | See the heart rate |
| 3. | Take off the sensors | See the heart rate value either disappear or display 0 |

Test Name: S-2

Requirements Tested: S2, DB1, DB4

Outline: Ensure that the screen displays all the available / useful data

Pre-requisites: Device is turned on and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Connect all the sensors and peripherals that can be connected | All sensors and peripherals are fully connected |
| 2. | Make sure that all the data is formatted perfectly on the screen so that every useful and available data can displayed on one screen | View all the available / useful data in one screen without any data missing or protruding out of the screen |

Test Name: S-3

Requirements Tested: S1, S3, E1, E6

Outline: Ensure that the screen displays heart rate in real time

Pre-requisites: Device is turned on, healthy and sensors are connected

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Attach sensors to a person | Sensors are connected to a person |
| 2. | Look at the heart rate reading on the screen | See the heart rate reading on the screen that should be changing according to persons physical activity |
| 3. | Attach the sensors to a different person | Sensors are connected to another person |
| 4. | Look at the heart rate reading on the screen | See that the heart rate reading on the screen is potentially different and still changing which proves that the readings are done in real time |

Test Name: S-4

Requirements Tested: S4, DB1, DB3, DB4, DB5

Outline: Ensure that the screen is able to show multiple ECG readings at once

Pre-requisites: Device is turned on and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Navigate to where the user profiles are on the menu | See a list of users |
| 2. | Select a user from the list | See a list of previous readings on one screen |

Test Name: S-5

Requirements Tested: S5, P2, H6, M1, M2, M3, M4, M5, M6

Outline: Ensure that the screen is able to display a menu

Pre-requisites: Device is turned on and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Look at the screen | See a list of options available to pick for different tasks |