**Acceptance Tests – Ease of Use**

Test Name: EU-1

Requirements Tested: EU1

Outline: Ensure that the device boots up under 2 minutes

Pre-requisites: Make sure the device is turned off and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Power on the device | Observe booting process |
| 2. | Run a timer to record the time it took boot up | Device fully booted |

Test Name: EU-2

Requirements Tested: EU2, EU3, EU4

Outline: Ensure that the device does not need to be charged very often

Pre-requisites: Device is fully charged

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Connect the device to a power source and make sure the battery is charging | Battery should be charging |
| 2. | Stop charging the battery at 100% | Battery percentage should be 100% |
| 3. | Run a timer until the device turns off itself and then take the reading from the timer | Device should be turned off and you should have a reading that tells you how long the device can run on battery |

Test Name: EU-3

Requirements Tested: EU3, EU9, EU10

Outline: Ensure that the device can be powered by USB

Pre-requisites: Device can be turned off or turned on

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Connect the device to power source via a USB connection | Device is connected to the power source |
| 2. | Ensure that the battery is being charged | LEDs on the device should indicate that the power is being transmitted from the power source to the device |
| 3. | Check the battery percentage | Battery percentage should be going up |

Test Name: EU-4

Requirements Tested: EU5, S1, S2, S3, S4

Outline: Ensure that the results can be viewed on the screen

Pre-requisites: Device is turned on and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Navigate to where the results are being displayed | You are on the expected menu section |
| 2. | Check the screen | Results are being displayed |

Test Name: EU-5

Requirements Tested: EU6, EU8

Outline: Ensure that users are able to adjust the screen brightness

Pre-requisites: Device is turned on and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Navigate to where the screen brightness settings are | See the brightness setting options |
| 2. | Select the brightness options and click on the button to **decrease** the brightness | Screen brightness is dimming down |
| 3. | Select the brightness options and click on the button to **increase** the brightness | Screen brightness is increasing |

Test Name: EU-6

Requirements Tested: EU7, EU8

Outline: Ensure that text size is adjustable

Pre-requisites: Device is turned on and healthy

Method:

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Observation |
| 1. | Navigate to where the screen font settings are | See the font settings options |
| 2. | Select the font options and click on the button to **decrease** the size of font | Font size is decreasing |
| 3. | Select the font options and click on the button to **increase** the size of font | Font size is increasing |