ID	Requirement	Related Use-case(s)	Fulfilled by	Test	Description
1	On/off	Turning on, Turning off	Controller	Press the power button once the application is launched. Press it again while it is running to turn it off	In our user interface, you will find a power button on the right side. This will turn the state of the device to off.
2	Ending a session	Ending a session	Controller, Mainwindow	A session will end automatically once enough time has passed or the power button is pressed during a session	Once a session ends (either from time or manual termination), the state of the system changes to softOff. This will clear the output bar. The state will then become off. This is done in the tick function.
3	Battery/level	Battery low	Battery, Mainwindow	Set the battery level to 20 or below in the admin panel. The lights should begin to flash	We use a function called tick which executes every 0.2 seconds. In this function, we are always monitoring the battery level of the device and handle the functionality for when the battery is low or critically low.
4	Selecting a session	Selecting a session, running a session	MainWindow, Controller, Session	Select the preferred settings for the session using the GUI, then press start session	Underneath the session group of prompts, the session group buttons, and the intensity value, you can change the time, session group, and intensity value to what you prefer. When ready, click "START SESSION" to begin the session. The state of the device will now change to startSession.
5	Connection Test	Connection test	Electrode, Controller	Happens once a session is started. If the electrodes in the admin panel are below 5 the test will wait until they have a good enough connection	The state of the device will go from startSession, to connectR and then connectL. This all will simulate the requirements for the connection test.
6	Intensity	Adjusting intensity	Session, Controller, MainWindow	While a session is running, use the intensity buttons to change the intensity	During a session, the up and down clickable buttons beside the intensity value will change the intensity of the session. This will also be reflected in the output bar.

7	Record	Save a Session	SavedSession, Session Manager, Controller, Mainwindow	Hold the start session button. A new saved session will be created	During a session, hold the start session button. This will create a saved session under the current username's list of saved sessions.
8	Replay	Replay a Session	SessionManager, Controller, Mainwindow	Select a saved session from the combo box, then press start session	Scroll through the saved sessions on the scrollable list available on the UI, this will contain all saved sessions which correspond to the username currently entered(the username value may be changed at any time). Click on the desired session and hit start saved session which will start the connection test and proceed as usual.