Traceability Matrix

ID	Requirement	Related Use Case	Fulfilled By	Test	Description
1	Power: "Turn On/Turn Off" and "Ending A Session" as described on p4 of the manual	**Operating the Oasis Pro**	Battery, Power, Therapy, User, Session	Basic use	Basic use case of the CES device on/off.
2	Battery level: battery level and battery low warnings as per "Battery Level" section on p5 of the manual. Your simulation should handle battery depletion as a function of length of therapy, intensity, and connection to skin.	**Operating the Oasis Pro**	Battery, Power, User	Basic use	Basic interface for battery of CES device.
3	Selecting a session: as per "Selecting A Session" on p5 of the manual but only with 3 groups (20min, 45min and user designated) and 4 session types per group. You can choose any 4 types from p12 of the manual.	**Select Session Length**	Therapy, User, Connectivity, Frequency, Intensity, Session	Basic use	Basic use case of selecting a session
4	Connection test: as per "Connection Test" on p6 of the manual.	**Connection Test**	User, Connectivity	Basic use	Basic connection testing before a session
5	Intensity: as per "Adjusting Intensity" on p7 of the manual.	**Selecting Intensity**	User, Intensity, Session	Basic use	Basic use case of user adjusting intensity
6	Record: users can choose to record a therapy and add to treatment history. Therapy session information to be recorded: session type, duration and intensity level (if changed during therapy choose last selected intensity level). There would be additional interface needed beyond what Oasis Pro offers to implement this feature, and it is up to you design it.	**Recording and Replaying Session**	Therapy, User, Frequency, Intensity, Session	Post session	Basic saving of session after a session is completed
7	Replay: users can replay selected treatments from history of treatments.	**Recording and Replaying Session**	Therapy, User, Frequency, Intensity, Session	Replay button	Basic use of replaying previous sessions