Requirement	Related Use Case	Fulfilled By	Test	Description
The user is able to turn the device on when pressing the power button	Switch Power Button On (UC1)	On/Off Button, user	Press the power on button when the device is off	Observe if the device can be reliably turned on by the user.
The device must not turn on if there's a power surge or other electrical issue	Switch Power Button On (UC1)	On/Off Button, user	Interrupt power to the device and then quickly restore power multiple times	Watch to see whether the device doesn't turn on during a power outage or other electrical problem that generates sharp changes in power because this could damage the device
The user is able to turn the device off when pressing the power button	Switch Power Button Off (UC2)	On/Off Button, user	Press the power off button when the device is on	Observe if the device can be reliably turned off by the user.
The user is able to start a new session	Start a New Session (UC3)	Menu, Selector Button, user	Select "Start a New Session" from the menu	check to see if a new session is displayed on the screen and begins running.

when the device first begins, the menu should be visible by default.	Start a New Session (UC3)	Display	user just needs to Power on the device	check to see if the menu is displayed by default when the device is powered on.
The user is able to end the session	End a Session (UC4)	Selector Button, user	Press the selector button to end the session	check to see if a summary view appears that includes challenge level, percentage of time in different coherence levels, average coherence, length of session, achievement score, and entire HRV graph.
A summary view should appear at the end of a session	End a Session (UC4)	Selector Button, HRV Graph	User should end session to see if summary view appears.	check to see if a summary view appears at the end of the session which includes challenge level, percentage of time in different

				coherence levels , average coherence, length of session, achievement score, and HRV graph.
The user may change the coherence challenge level.	User Changes Challenge Level (UC5)	Menu, Settings, Challenge Level, user	Select a challenge level option from 1-4	Check to see if the user can navigate to the settings menu and select "Change Challenge Level" to switch between four different difficulty levels ranging from beginner to advanced, ensuring a simple and straightforward user experience.
The user can access the Challenge Level option in the Settings.	User Changes Challenge Level (UC5)	Settings, Challenge Level	Select "Challenge Level" from the Settings menu	Observe if the Challenge Level option is visible in the Settings menu

The breath pacer interval can be changed and the user can navigate.	Breath Pacer (UC6)	Menu, Settings, Breath Pacer, user	Change the time interval level between each breath from 1-30 seconds	check to see if the user is able to easily navigate the settings and change the time interval level between each breath from 1-30 seconds, with the default being set at 10 seconds.
The user is able to navigate to the Breath Pacer option	Breath Pacer (UC6)	Menu, Settings	Select "Breath Pacer" from Settings	Observe if the user is able to locate and access the Breath Pacer option.
The user can navigate and look at the history of earlier sessions.	View Log/History of Sessions (UC7)	Menu, Log/History, user	Select "Log/History" from the menu	Check to see if the user can view all sessions that happened and the dates, and when selected it shows the session's summary If no sessions happened, nothing displays.

The user is able to navigate and delete any specific session	Delete a Session (UC8)	Menu, Log/History, Delete Session	Select the session the user wants to delete	Check to see if the user can access the session log and delete a particular session from the list of earlier sessions.
The user is able to navigate and reset the whole device	Resetting Device (UC9)	Menu, Log/History, Reset (Wipe All Sessions Data)	Chose "Reset" from the menu	Check to see if the user can navigate and reset the whole device to its default settings via the "Reset" button.