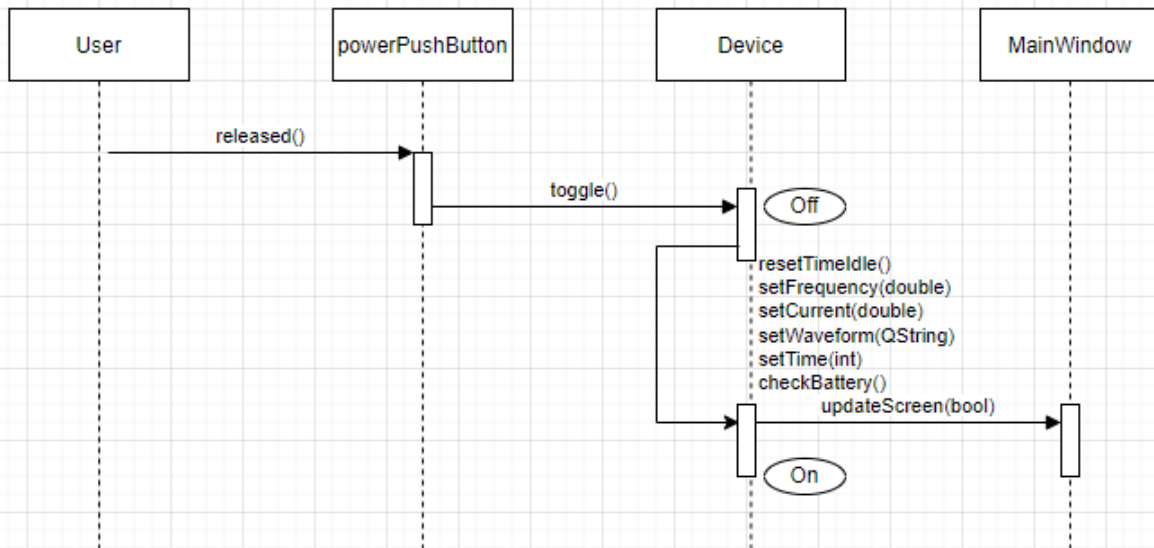


Team 10 - Sequence Diagrams

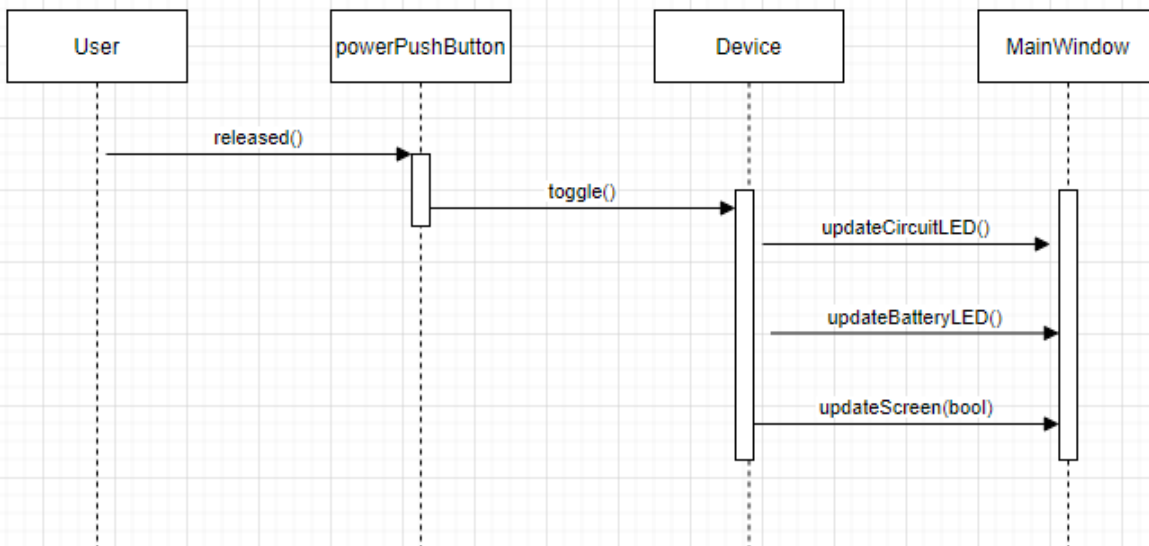
Turn On Device (Use Case 1 - Turn on device)

This shows the case of a user powering on the device by pressing the power button.



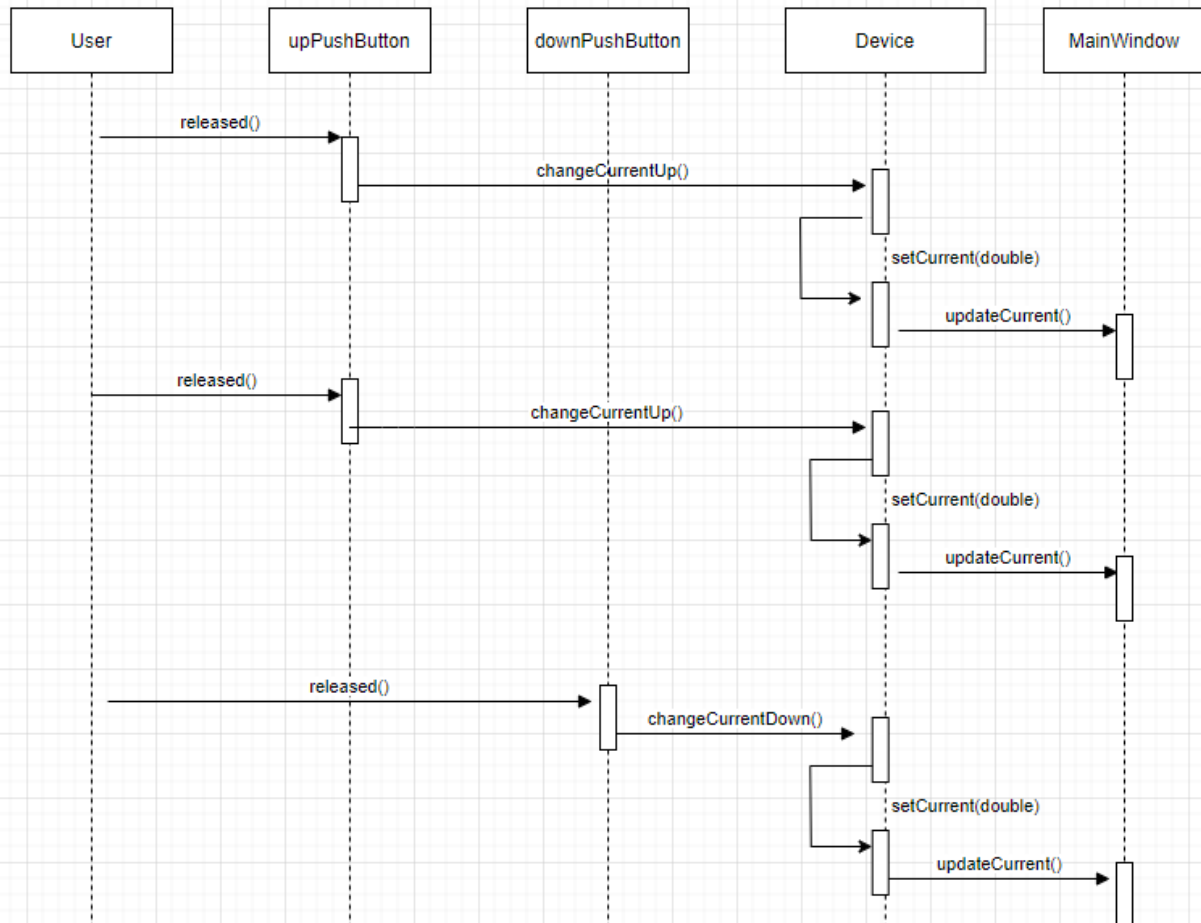
Turn Off Device (Use Case 2 - Turn off device)

This shows the case of a user powering off the device by pressing the power button while the device is on.



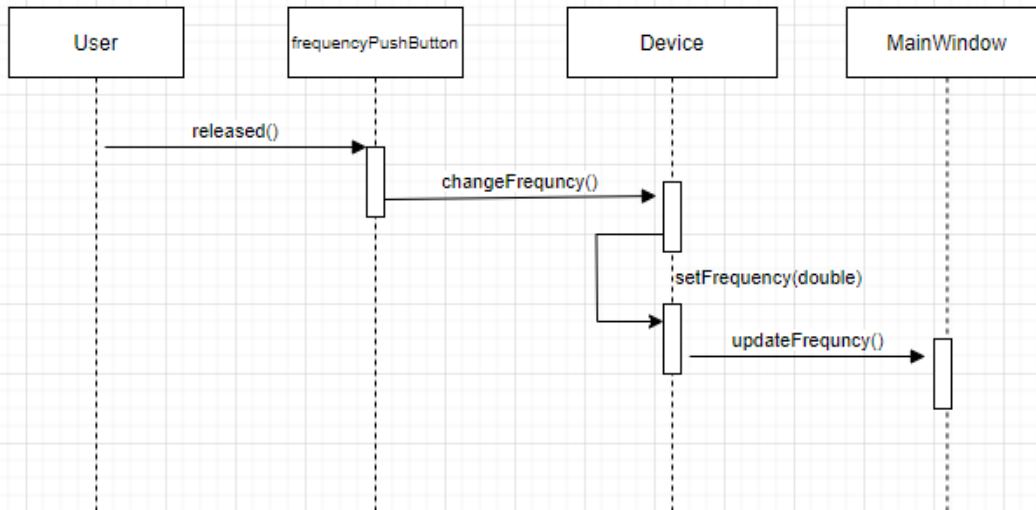
Change Current (Use Case 3 - User change current intensity)

This shows the user changing the device's current intensity/level. In this sequence diagram example, the user presses the up button twice, which incrementing the current by 50 microamperes. Then, the user presses the down button once, decrementing the current by 100 microampere.



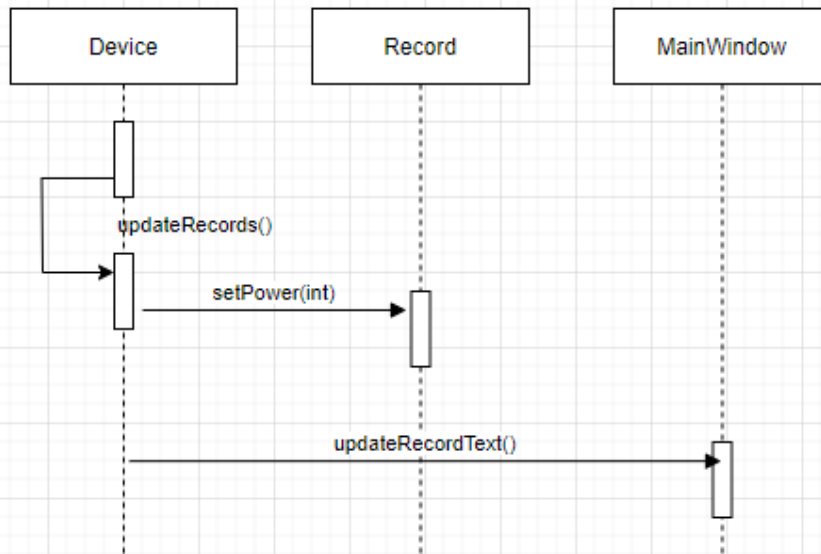
Change Frequency (Use Case 4 - User change frequency)

This shows the user changing the device's frequency level by pressing the frequency button.



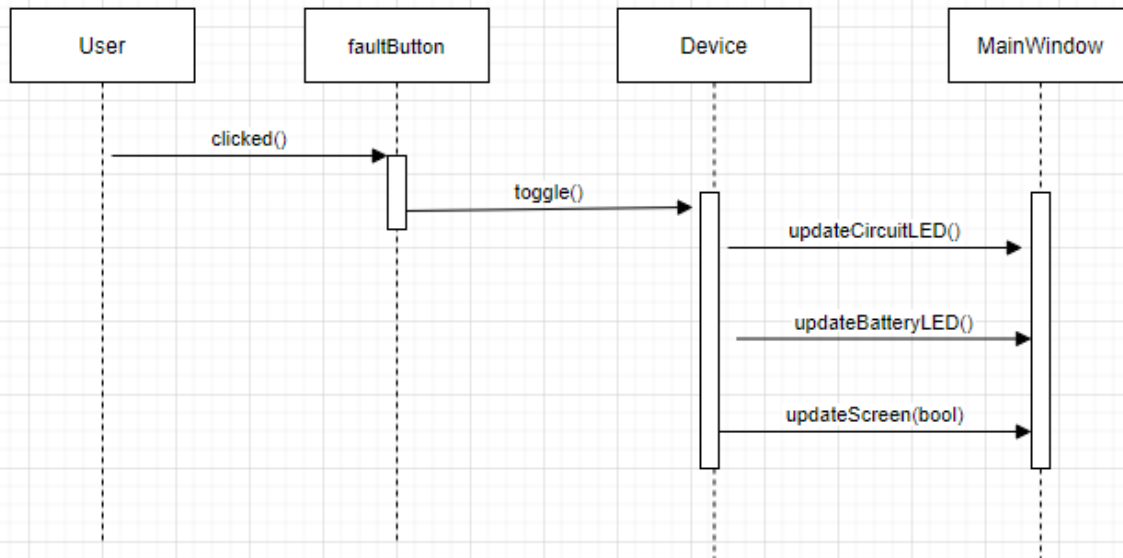
Record Session History (Use Case 5 - Record session history)

This shows a record of the treatment history be saved in memory after a treatment session is complete.



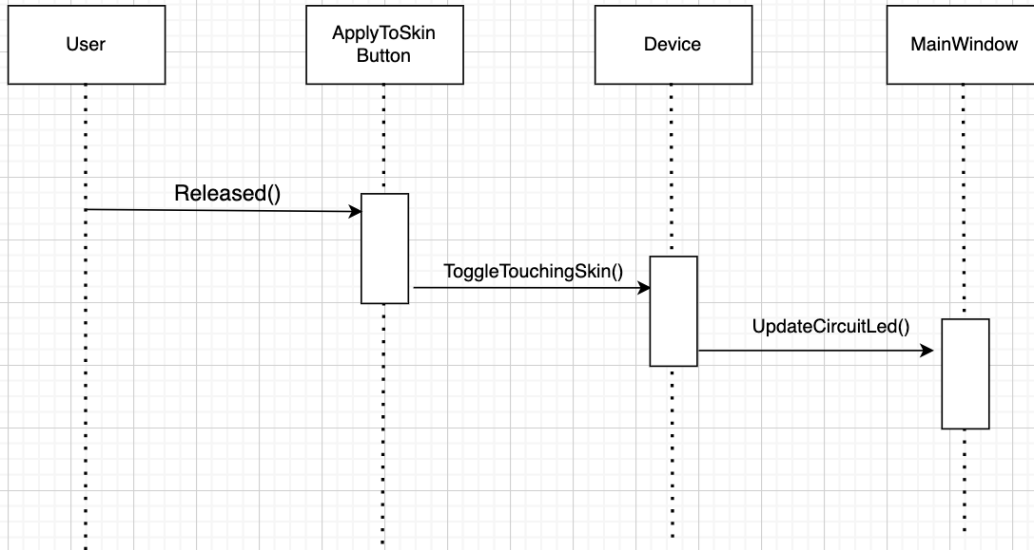
Fault Safety (Use Case 6 - Device Auto-disables itself)

This shows a case where the device exceeds a fault of 700 microamps and automatically disables itself.



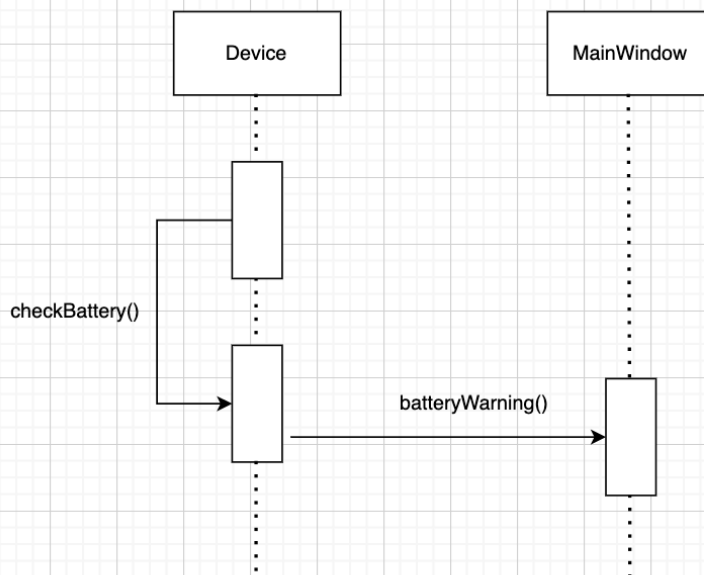
Circuit check indicator: Use Case 7: (no skin contact)

This shows the user selecting or deselecting the apply-to-skin button



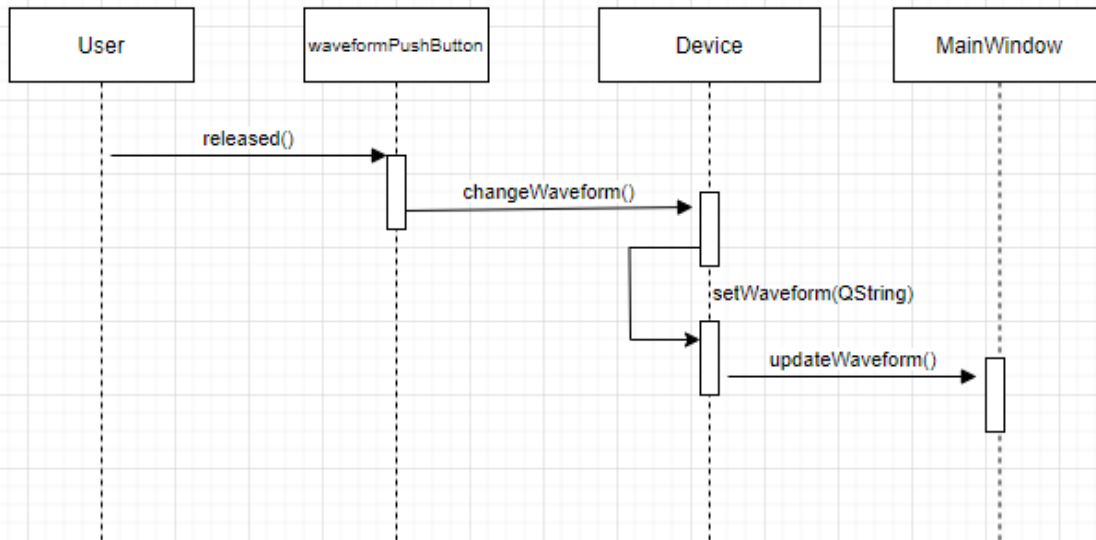
Low Battery indicator: Use Case 8:

This shows both low battery warning when at 5% and 2%



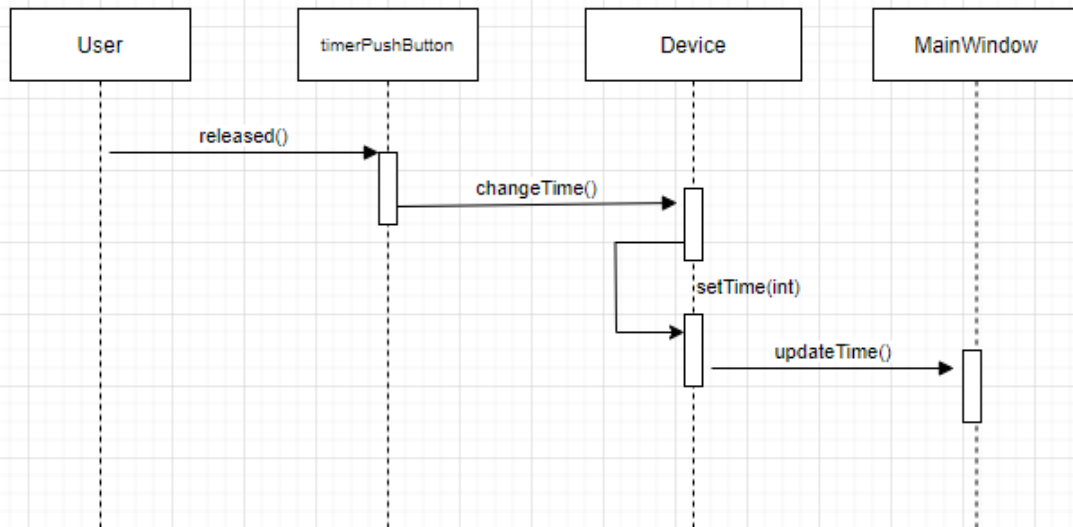
Change Waveform (Use Case 9 - User change waveform)

This shows the user changing the device's waveform by pressing the waveform button.



Change Timer (Use Case 10 - User change timer)

This shows the user changing the device's timer by pressing the timer button.



CES Treatment: Use Case 11:

This shows the main success scenario of a recording session, with the records displayed on screen.

