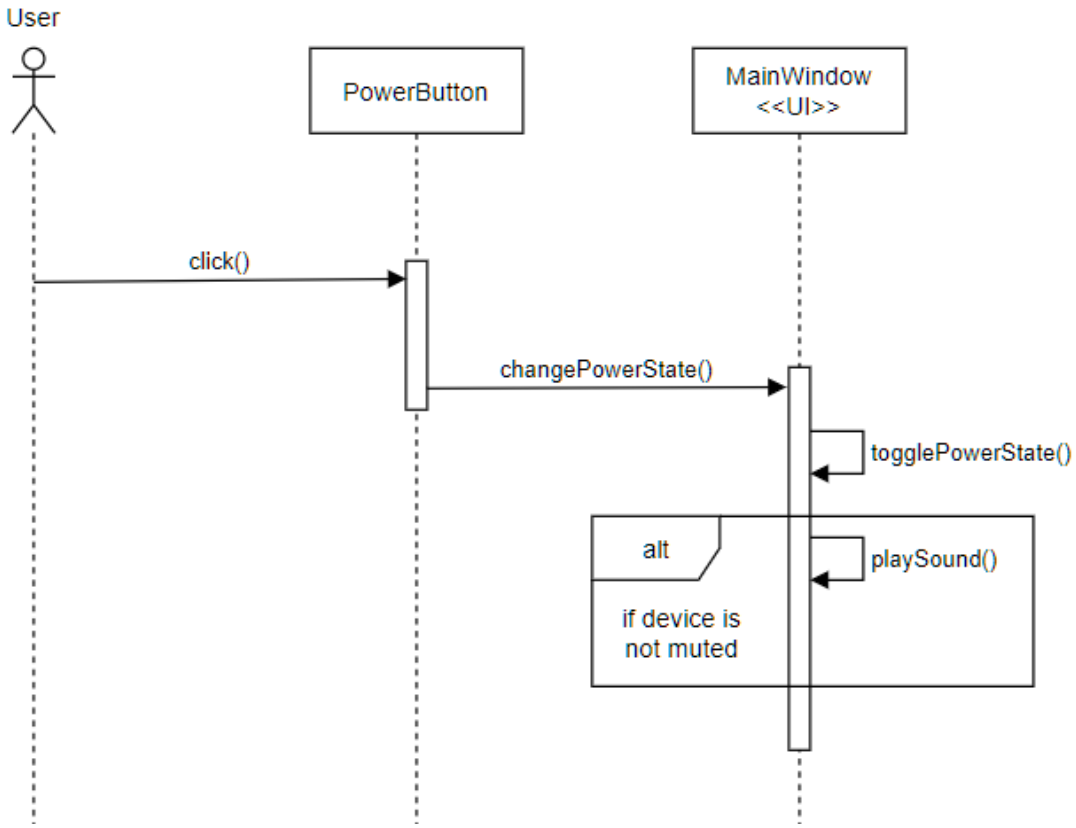
Sequence Diagrams

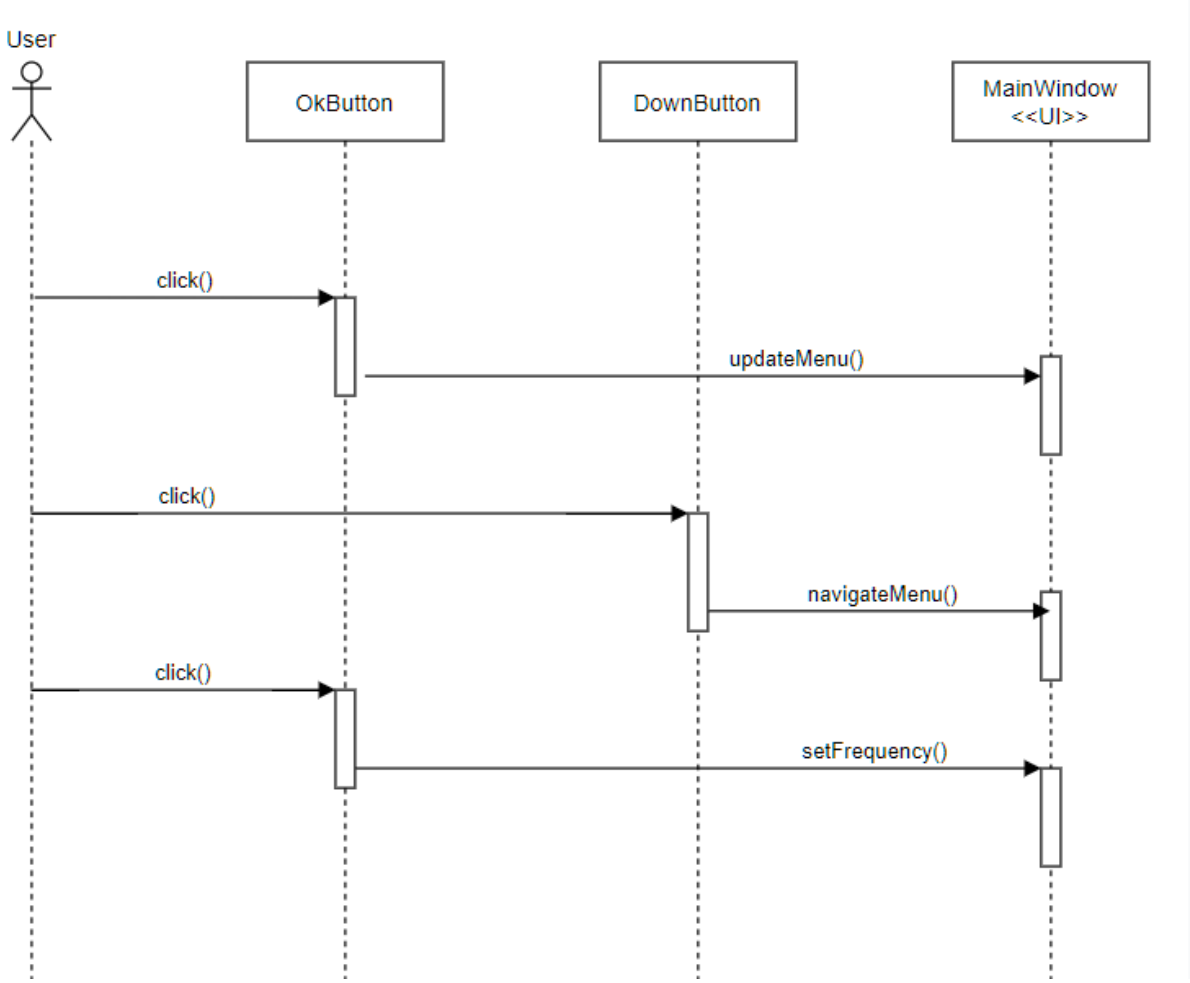
Turn Device ON/OFF

When the user clicks on the power button, the power state is toggled ON or OFF, turning the device ON or OFF respectfully.



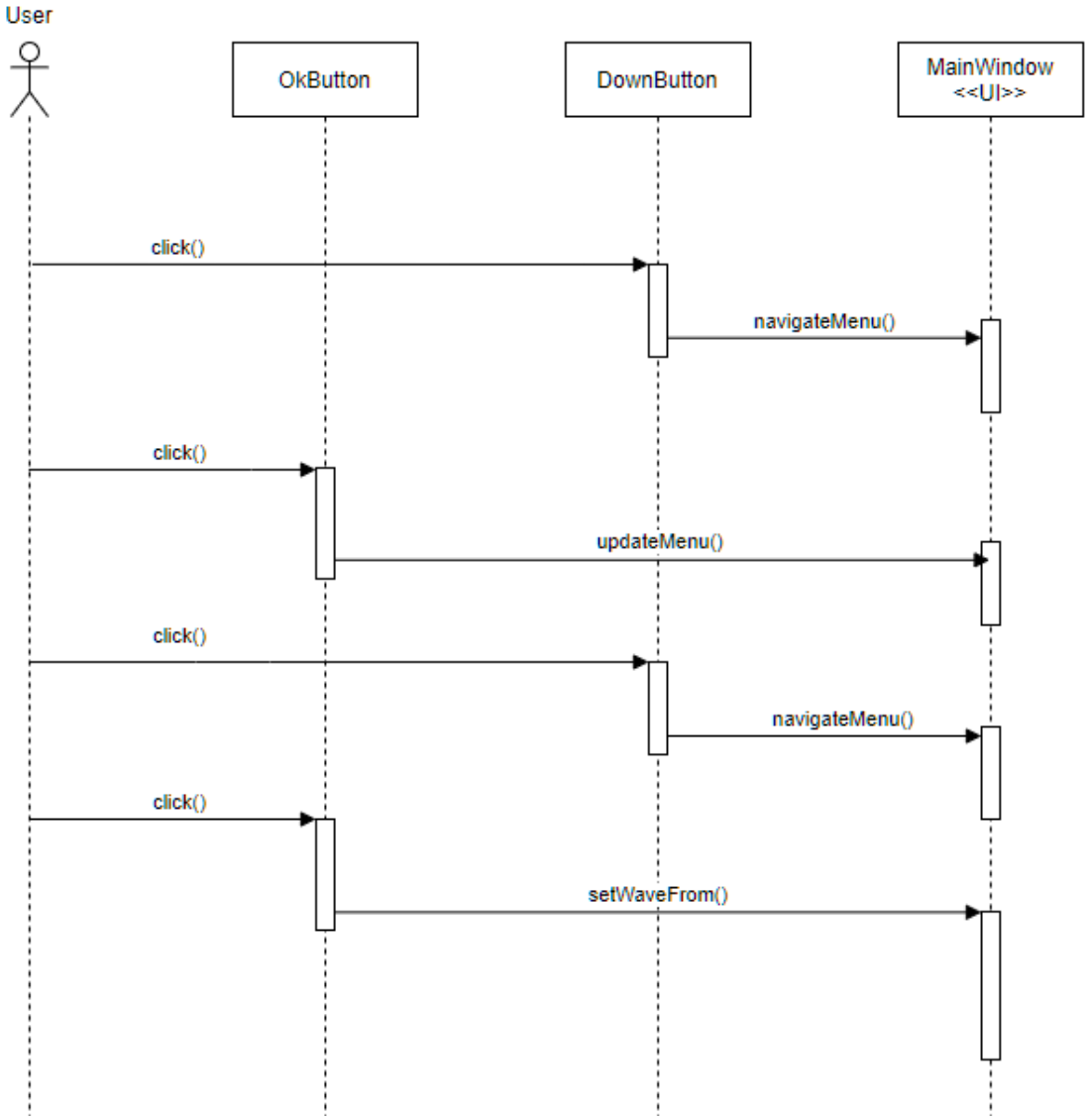
Change Frequency

An example of changing the frequency. The user navigates from the main menu to the Frequency menu by clicking the OK button, then the user navigates to the 77Hz option by clicking the Down button. The user selects the 77hz option by clicking the Ok button. The system updates the current frequency to 77hz.



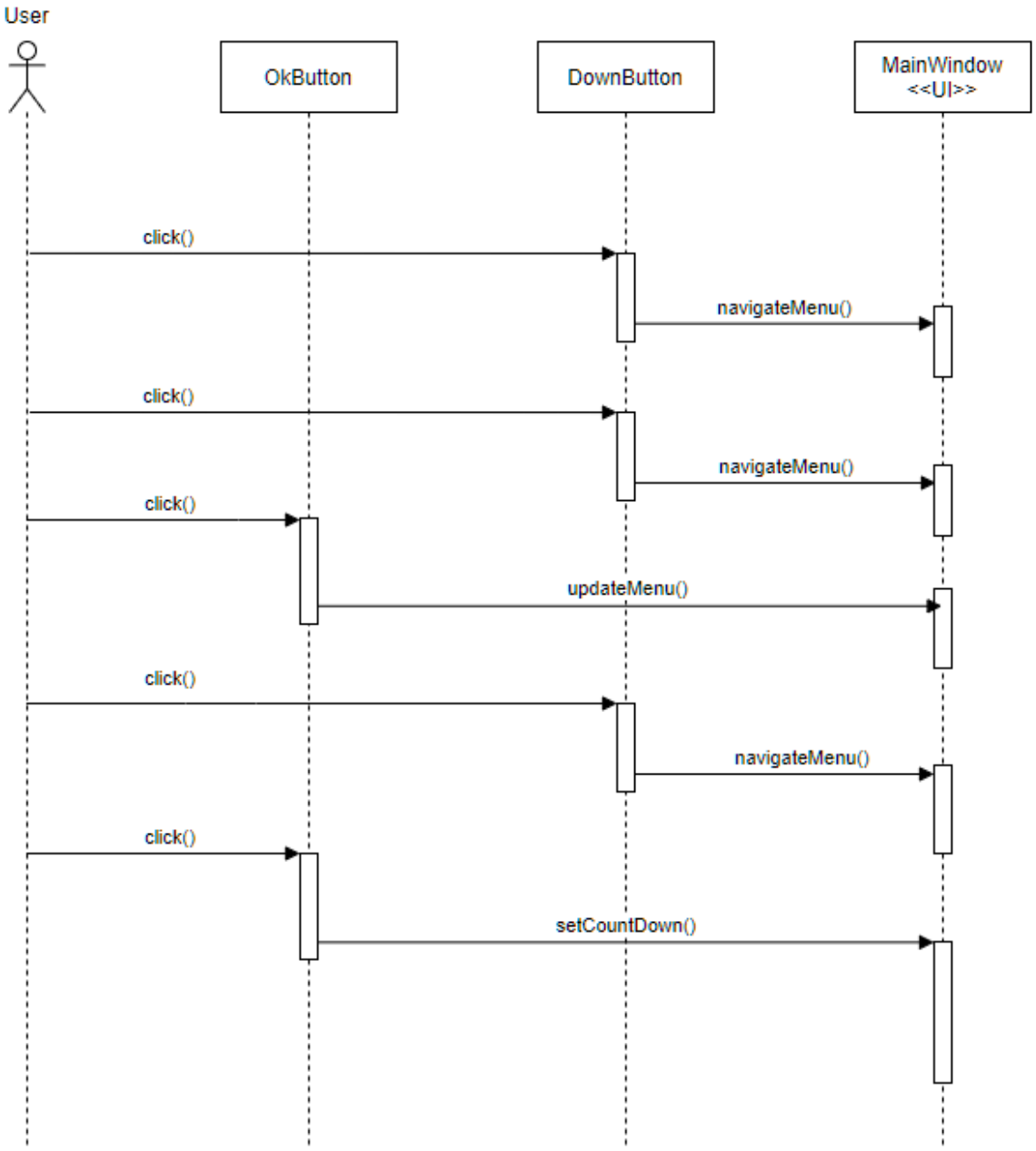
Change Wave Form

An example of changing the wave form. The user navigates from the main menu to the Wave Form menu by clicking the Down button, then clicking the Ok button. The user then navigates to the Beta option by clicking the Down button. Finally, the user selects the beta option by clicking the Ok button. The system updates the current wave form to Beta.



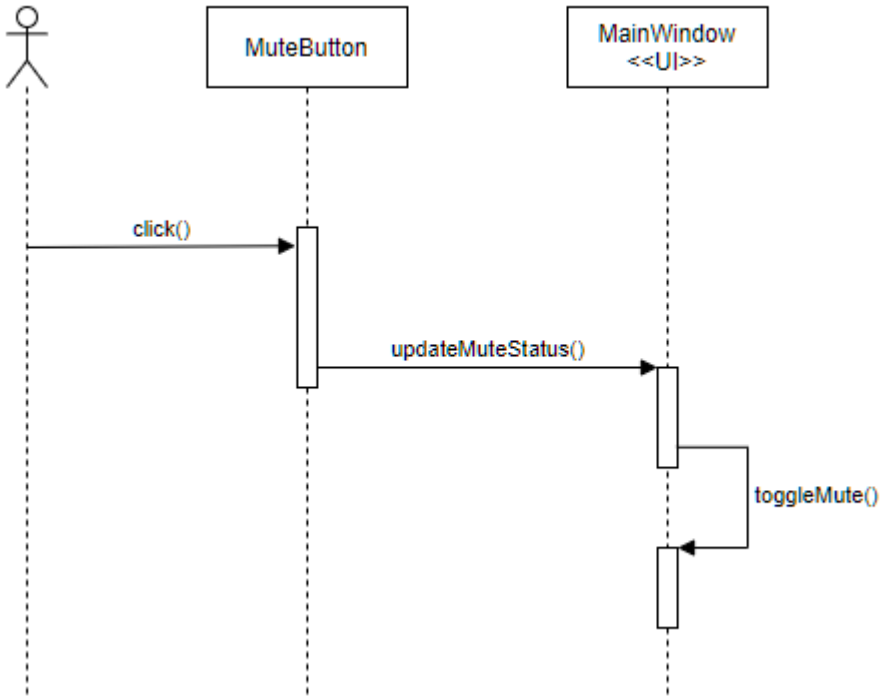
Change Timer

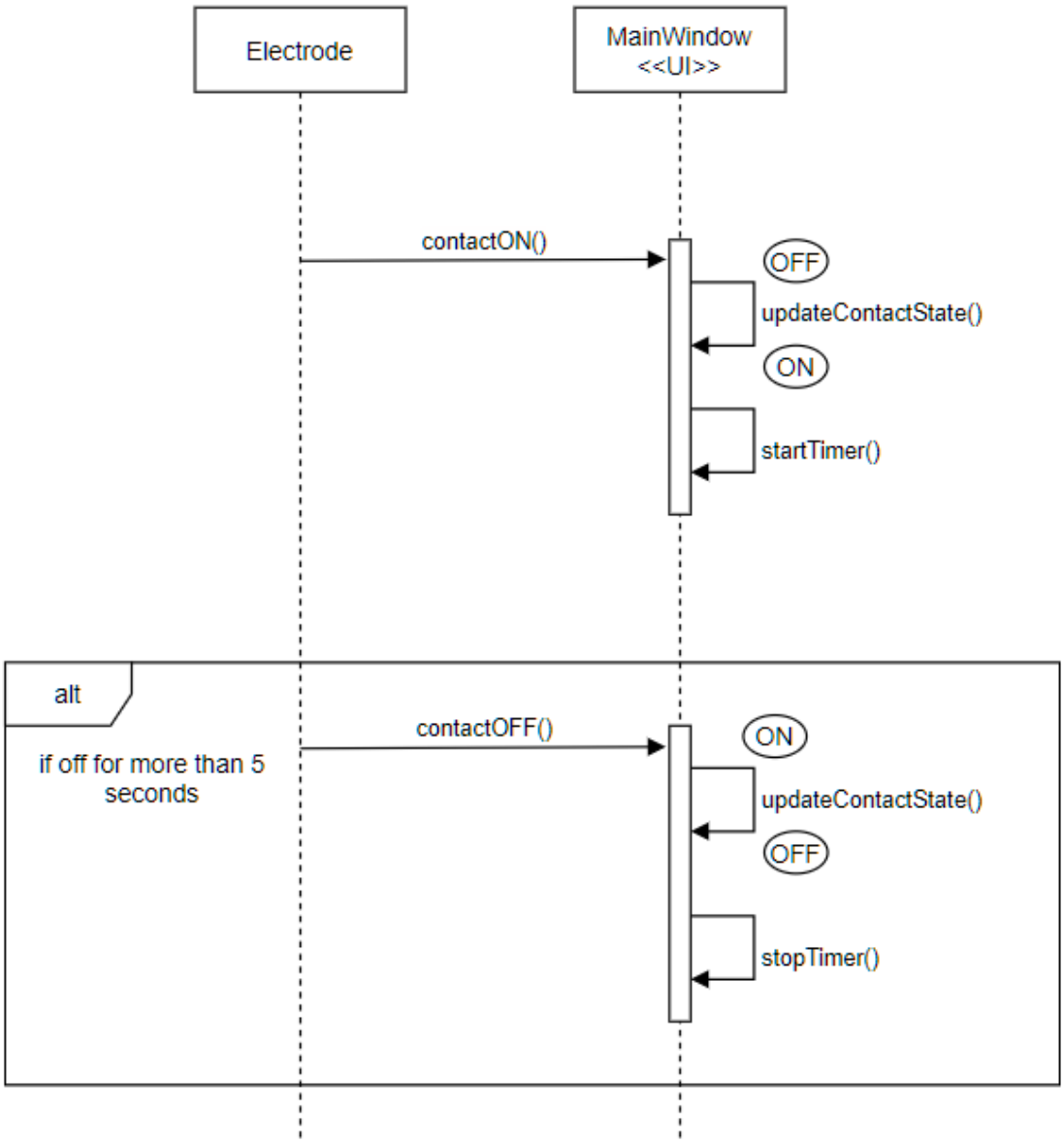
An example of changing the countdown cycle. The user navigates from the main menu to the Timer menu by clicking the Down button twice, then clicking the Ok button. The user then navigates to the 40 minute option by clicking the Down button. Finally, the user selects the 40 minutes option by clicking the Ok button. The system updates the current countdown cycle to 40 minutes.



Toggle Mute

When the user clicks on mute button, toggle mute on and off.



Contact With Skin

When the user connects electrodes to skin, update the test circuit symbol to on, and start the timer. If the electrode loses connection with the skin for more than 5 seconds, update the test circuit symbol to off and stop the timer.