COMP 3004 W Project - Neurofeedback Device

Group 21

(UML Class Diagram, State Diagrams, Sequence Diagrams)

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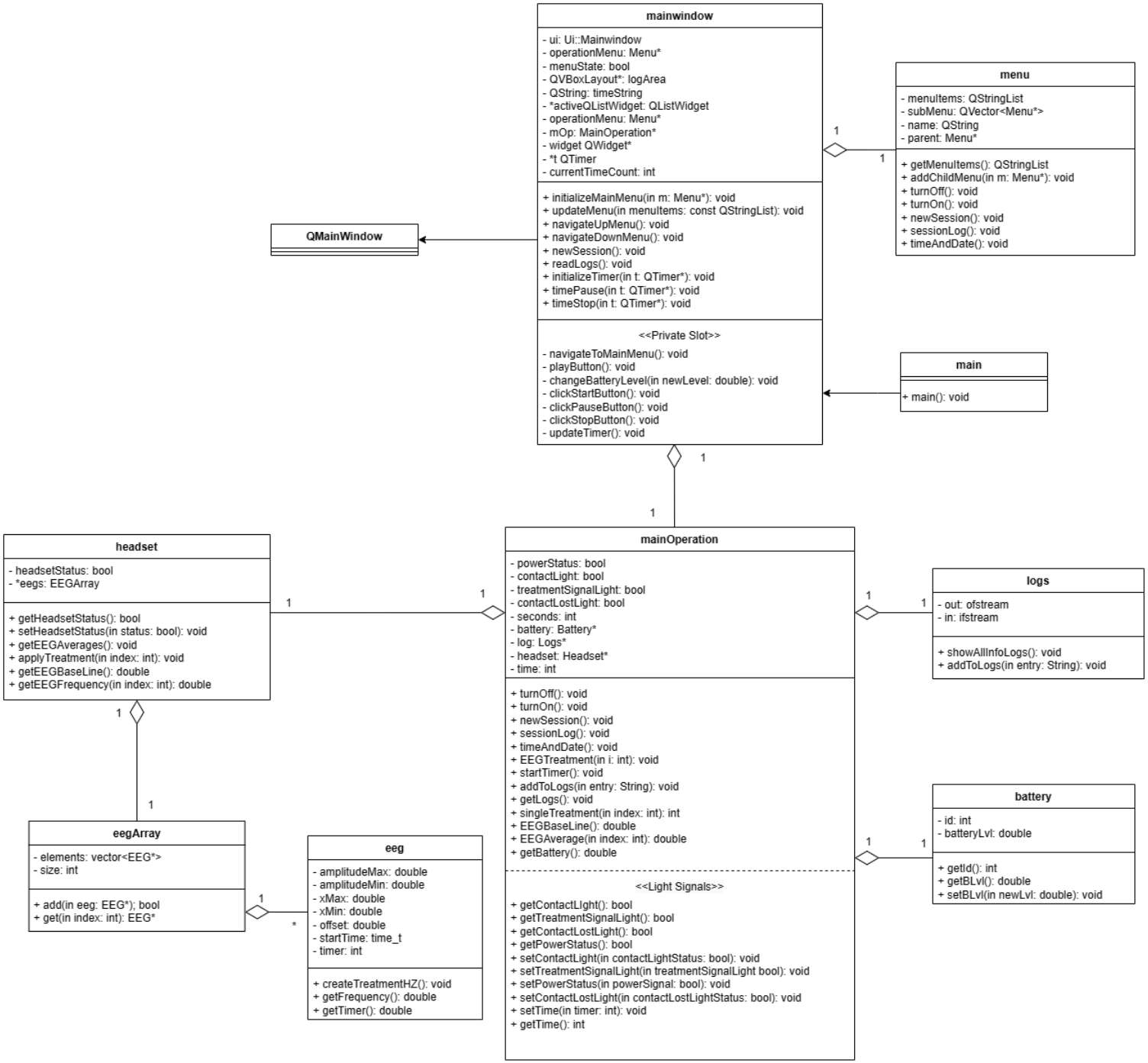
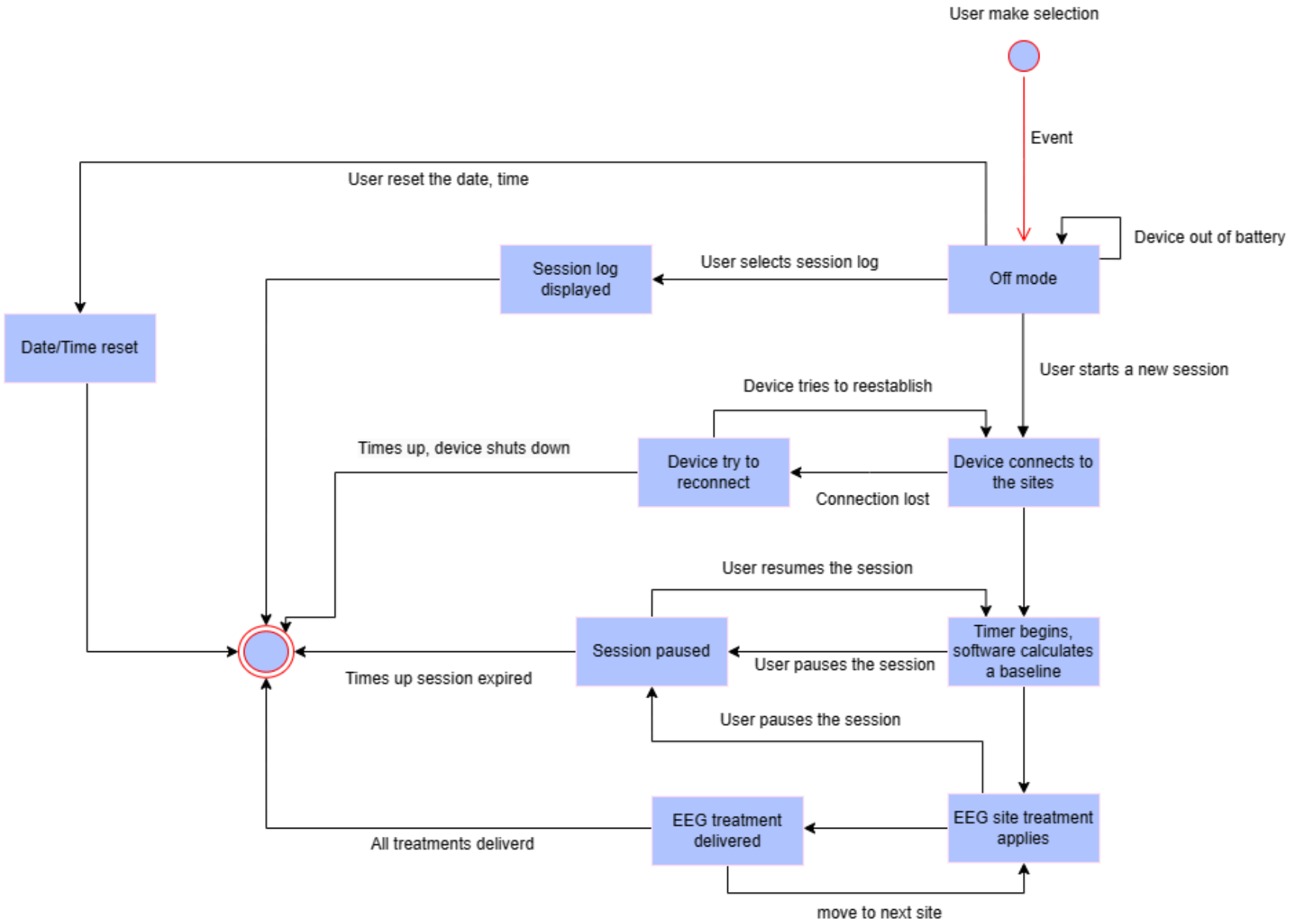
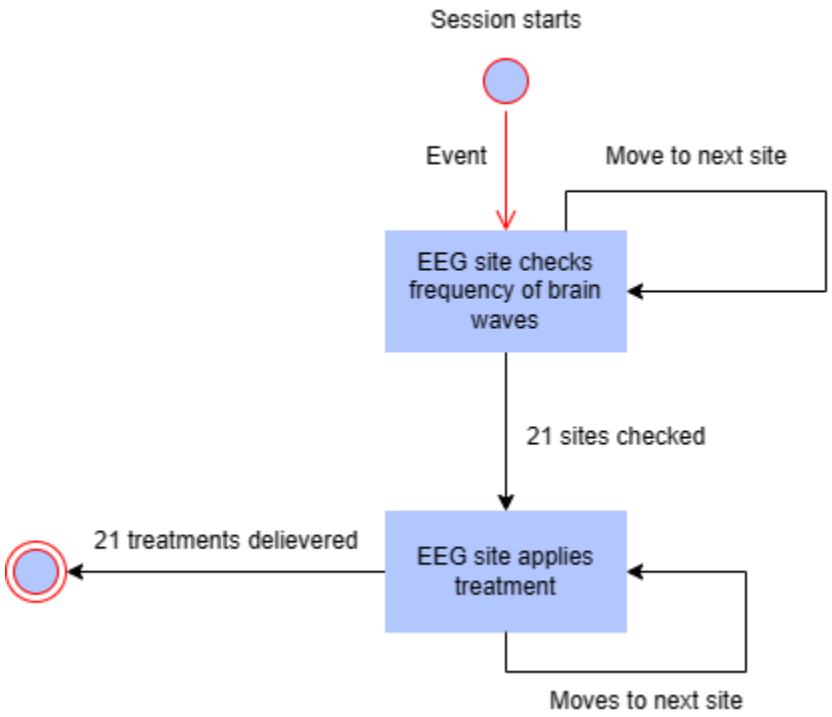
UML Class Diagram

UML Class Diagram

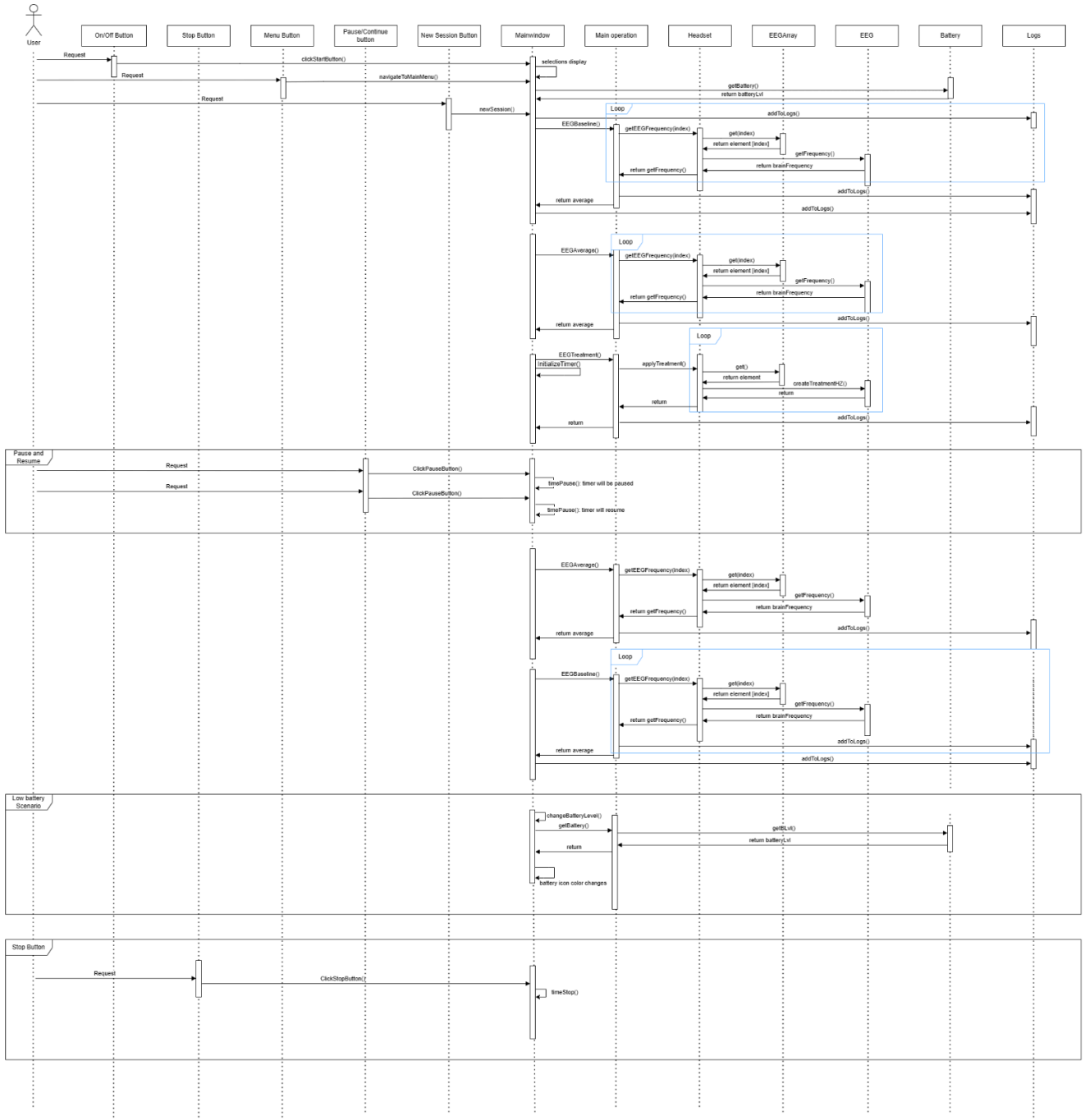



User make selection
Event
User reset the date, time
Device out of battery
Session log displayed
User selects session log
Off mode
Date/Time reset
User starts a new session
Device tries to reestablish
Times up, device shuts down
Device try to reconnect
Device connects to the sites
Connection lost
User resumes the session
Session paused
Timer begins, software calculates a baseline
User pauses the session
Times up session expired
User pauses the session
EEG treatment delivered
EEG site treatment applies
All treatments deliverd
move to next site

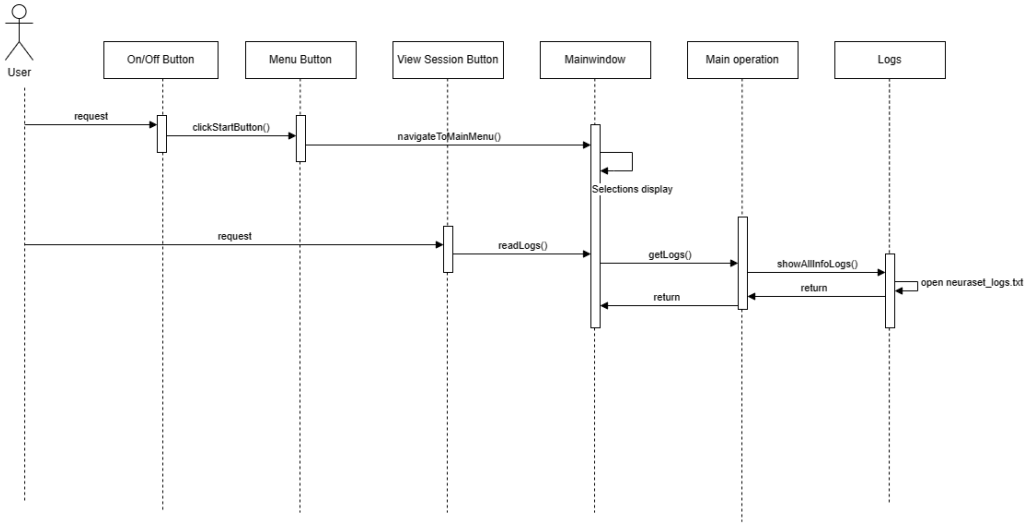

Session starts
Event
Move to next site
EEG site checks frequency of brain waves
21 sites checked
21 treatments delievered
EEG site applies treatment
Moves to next site

New Session Scenario

New Session Scenario

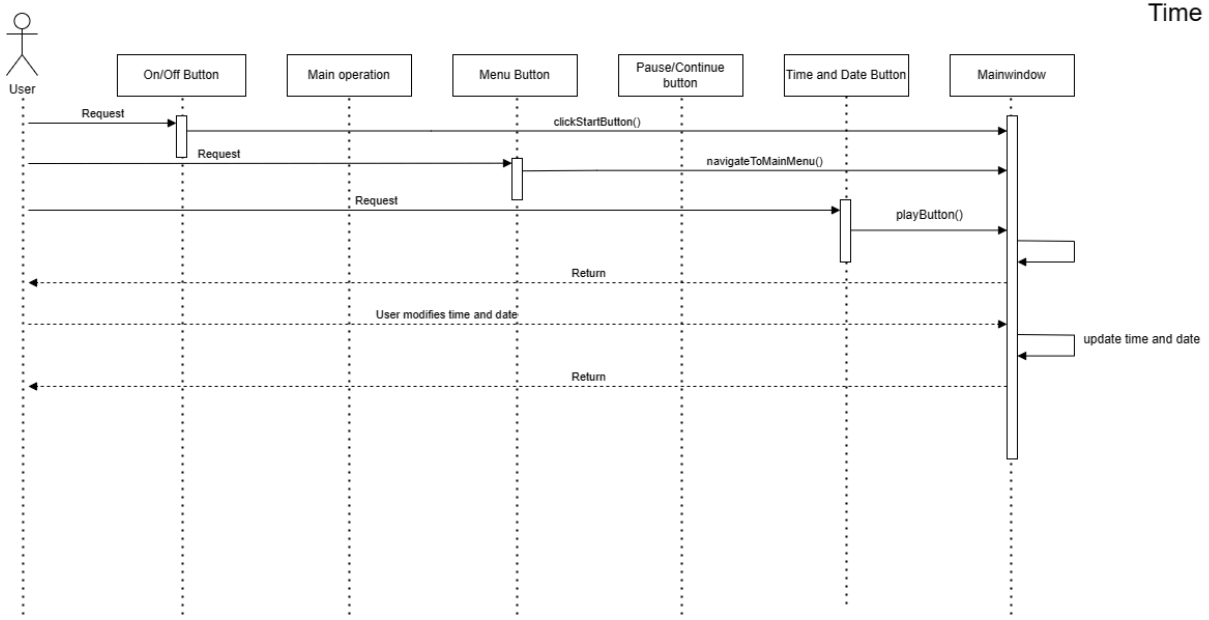


View Session Logs Scenario



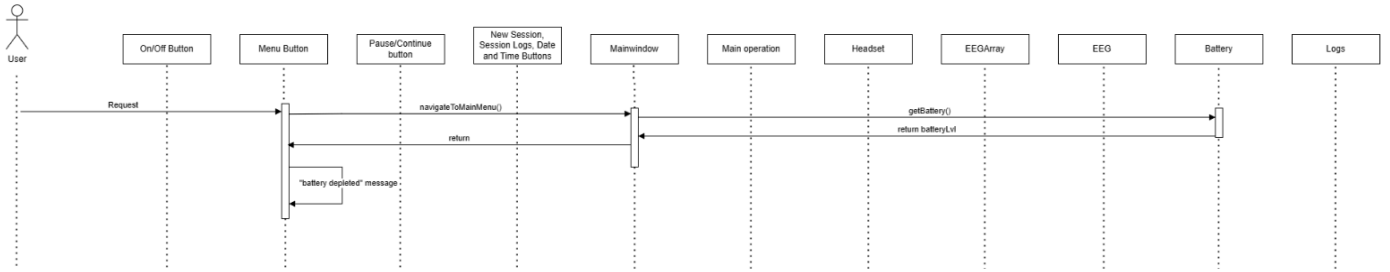
View Session Logs Scenario

Time and Date Scenario



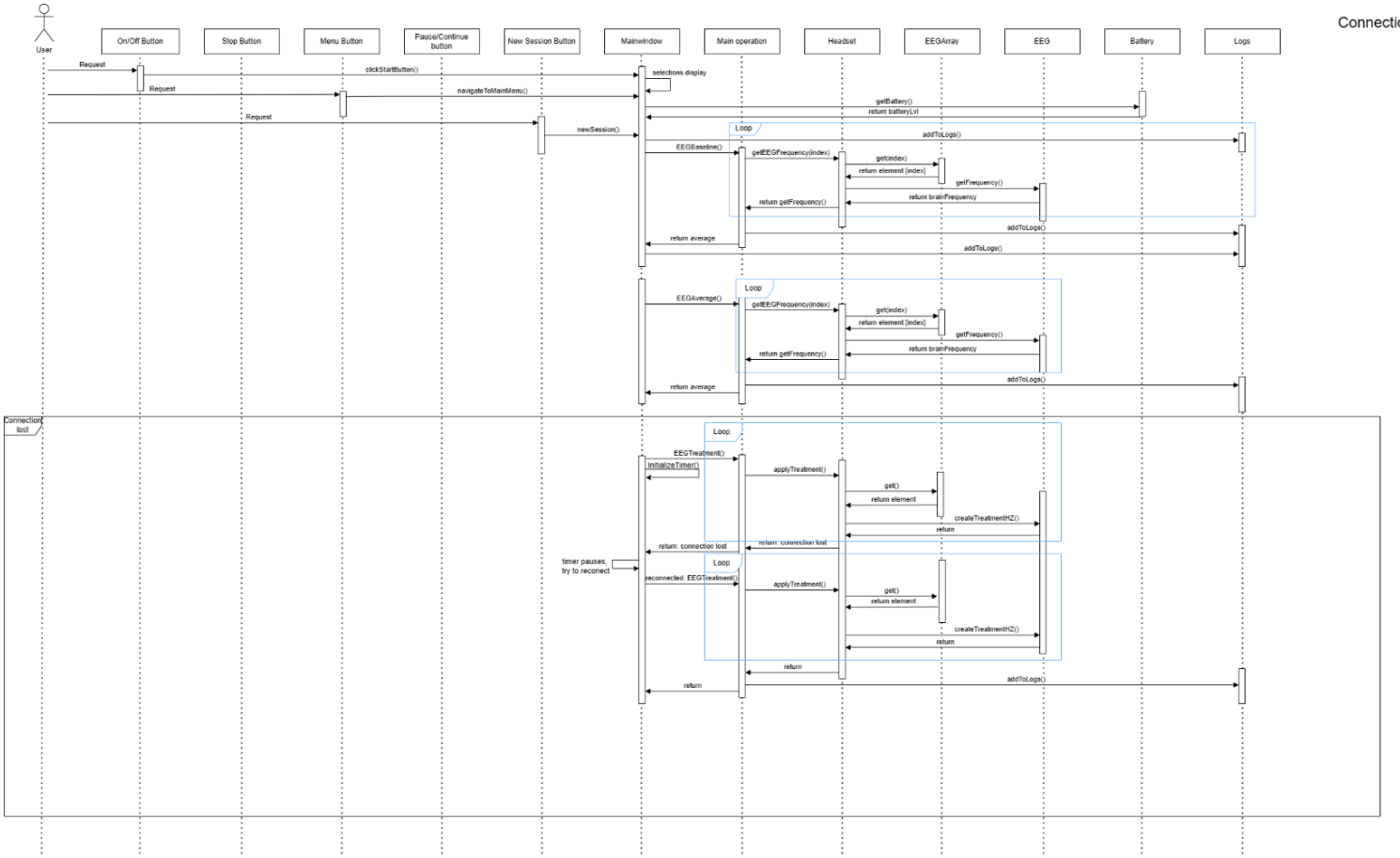
Time and Date Scenario

Out Of Battery Scenario



Out Of Battery Scenario

Connection Lost Scenario



Connection Lost Scenario