

Video demo

<https://www.youtube.com/watch?v=xdZD85LBHXs>

Folders

docs: contains the use cases, traceability matrix, and sequence diagrams.

src: contains the source code for the project.

images: contains images of the UI.

data: contains the data sets of heart rate data used in the code.

Classes

mainwindow: The main window of the application, acts as the control of the application

heartratesensor: Simulator of an actual heart rate sensor, holds heart rate dataset

session: Handles calculations of session informations (e.g., coherence score, data plotting, etc)

qcustomplot: widget for plotting and data visualization

menuitemstyle: item delegate class to paint HTML into the menu list items