# Heart Rate monitor

- Work individually
- Implement in any software or platform of choice (Suggestion: Python)
- Do not use any toolbox/functions except for basic functions such as butter, filter etc.
- Motivate & explain all choices made, from filter type, settings to method to perform peak detection
- Add all the codes written to the report
- Run the algorithm on
  - Resting state ECG
  - Stress ECG
- Two choices
  - Implement your own algorithm
  - Implement two existing algorithms and compare the results
- Outcome measures
  - % of Missed peaks