

## EE/CprE/SE 491 WEEKLY REPORT 2

2/5/26 – 2/12/26

Group number: 006

Project title: CyVital

Client &/Advisor: Dr. Meng Lu

Team Members/Role: Kate Endersby, Claire Haas, Max Tanruther, Reza Choudhury

### ○ Weekly Summary

The software team focused on minor code improvements while waiting for the PCB to arrive. The team found a time to meet with an instructor about the progress this past semester.

### ○ Past week accomplishments

- Reza Choudhury: Worked on GitLabs Issues
  - Removed automatic data play to fight latency issues and buggy tab switching
  - Set up Git Issues for Upcoming progress
- Kate Endersby:
  - Migrated codebase from GitLab to GitHub so it was accessible to BME students
  - Investigated Git wikis for use in creating document pages for manuals for BME students to read
- Claire Haas:
  - Create a survey asking how students best learn new skills after discussion with Dr. Lu based on BME student progress
    - Preferences will focus on video tutorials, interactive tutorials, wikipedia type pages
- Max Tanruther
  - Started to learn how to use CAD

### ○ Pending issues

- Reza Choudhury: Git Issues mentioned earlier
- Sensor reset

### ○ Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Reza	Removed Automatic data spill, fixed unclosed except:, s	6	6
Kate	- Git migration	6	26

	- Wikis		
Claire	- Requested access to lab rooms for assembly - Inquiry about current BME students - Create questionnaire on preferred learning style	3	13
Max	- Requested access to lab rooms for assembly - Design Review - Relearning Cad for case design	6	9

○ **Comments and extended discussion**

We still need to get a better meeting time. Therefore, we're changing the meeting time to 4:00 on Wednesday.

○ **Plans for the upcoming week**

- Reza Choudhury: get sensor code out of tkGui
- Hopefully the PCB will come in and we will begin testing
- Test new sensor for EKG
- Create case for pcb once step file received

○ **Summary of weekly advisor meeting**

- We met with Dr. Lu and discussed our continuing plans. Mostly, we are still waiting for the arrival of the PCB. We discussed the fact that current BME students taking bioinstrumentation are not a fan of the Biopac and therefore we should try to get CyVital ready in two weeks to be used in the class as we originally planned.