

EE/CprE/SE 492 WEEKLY REPORT #6

03/31/2020 – 04/13/2020

Group number: sdmay20-24

Project title: Wearable Cardiac Monitor

Client &/Advisor: Huang Cheng

Team Members/Role:

Andrew O'Brien - Software

Peyton Sher - Software

Ruiyu Sun - Hardware

Scott Beard - Hardware

Samantha Kimball - Communications

Vincent Lazzaro - Communications

Weekly Summary:

This week we did administrative tasks and also kept working on eliminating bugs in our application code.

Past Week Accomplishments:

Andrew O'Brien: This week I worked on finishing up the bluetooth connection and started figuring out firebase.

Peyton Sher: Digging into android code. Messing with some things to no success.

Ruiyu Sun: Checking out the peer evaluation. Look up the posters from the past.

Scott Beard: Answered questions for peer evaluation,

Samantha Kimball: Design document revisions, helped answer peer evaluation questions, looked into different websites for creating a poster that a group can share access to (played around with a couple of them).

Vincent Lazzaro: Worked on answering questions for the peer evaluation and code for the device to detect a heartbeat

Pending issues: (If applicable: Were there any unexpected complications? Please elaborate.)

Andrew O'Brien: At this point we need to do some debugging of the application bluetooth connection with the heartbeat chip.

Peyton Sher: Finish up app for presentation

Ruiyu Sun: Poster.

Scott Beard: Adjusted deliverables removed remainder of hardware work, Poster design

Samantha Kimball: There are a couple different websites that help making posters easy but they don't have some of the functionality I was hoping for or I couldn't share it with a group. I plan on looking at a couple more within the next couple of days.

Vincent Lazzaro: I am having no luck finding an accurately and efficient way to detect a heartbeat

Individual contributions: (Creating this section is optional, but it is Required to include the “Hours Worked for the Week” and their “Total Cumulative Hours” for the project for each member somewhere relevant in your report. Your individual weekly hours should be at a minimum of 6-8 hours for this course. So please manage your time well. Also, ensure that individual contributions support your claim to the weekly hours. Be honest with the reports.)

Name	Contribution	Weekly Hours	Cumulative Hours
Andrew O’Brien	Worked on the application	10	57
Peyton Sher	Application	8	34
Ruiyu Sun	Looking up for poster design.	3	36
Scott Beard	Peer evaluation, began exploring options for poster design	4	30
Samantha Kimball	Design doc revisions, helped answer peer evaluation questions, looked into poster websites	8	44
Vincent Lazzaro	Worked on answering questions for the peer evaluation and code for the device to detect a heartbeat	8	55

Comments and extended discussion: (Optional)

Feel free to discuss non-technical issues related to your project.

Plans for the upcoming week:

Andrew O’Brien: This upcoming week I would like to test the application with the hardware and look for any bugs

Peyton Sher: Poster work, presentation planning, and application testing

Ruiyu Sun: Start to design the poster and finish other documents with team.

Scott Beard: Work on poster, prepare for presentation

Samantha Kimball: Finish up poster, finish adjusting design document, final touches on project, get ready for final presentation.

Vincent Lazzaro: Help finish up poster and design doc and final touches on the project.

Summary of weekly advisor meeting:

We did not meet with our advisor for the past two weeks.