

sdmay23-08: PTSD detection device

Week 2 Report

September 30 - October 7

Team MembersSteven Trinco — *Hardware design, Discord Admin*Jon Pixler — *Hardware-software bridge, Embedded systems leader*Maisy Millage — *Writing, upper-level software*Comlan Bocovo — *Client interaction, Software Design, Time Management*Cosette Thompson — *Client interaction, Hardware Testing, Hardware-software bridge*Carver Bartz — *Software Design*Sam Brang — *Team organization, Electrical Design***Summary of Progress this Report**

During the last week, we met with our client and advisor to go over more plans we have for our project along with completing our requirement design document. We received confirmation from our client about using a Smartwatch that is already on the market instead of designing our own. We also discussed a few requirements and constraints pertaining to this project with our clients. This was then conveyed back to our advisor during the advisor meeting. During our meeting with the advisor, we were also able to discuss some things regarding our budget. Specifically, how to clarify the budget for our project given the donation from BAE systems to determine how much we have for purchasing a fitbit-esque watch for the veteran device.

Pending Issues

- We need to figure out what our budget is for this project.
- Tie up any final questions we still have on the overall project
- Machine learning algorithms (documentation of research?)
- Make or buy decision on a smart watch/fitbit device for the veteran
- Data privacy a potential consideration?

Plans for Upcoming Reporting Period

- Client meeting Monday 2-3 pm
- Team meetings when needed
- Project plan design document deliverable
- Gantt Chart (Schedule breakdown)
- Finishing our lightning talk presentation

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Steven Trinco	Client Meeting, Advisor meeting, requirement document	4	8
Jon Pixler	Client Meeting, Advisor meeting	2	6

Maisy Millage	Client Meeting, Advisor meeting	2	6
Comlan Bocovo	Client Meeting, Advisor meeting, Requirements document	4	8
Cosette Thompson	Client Meeting, Advisor meeting, Requirements document, Research collection on user, Weekly report	4	8
Carver Bartz	Client Meeting, Requirements Doc, Brief Design Doc	4	8
Sam Brang	Client Meeting, Advisor meeting, weekly report documents, Requirement document	4	8

Gitlab Activity Summary

Nothing to report.
