

sdmay23-08: PTSD detection device

Week 7 Report

November 4 - November 11

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

During this past week our team picked up all the materials we needed to start building our dog device. We then discussed our plans for completing this project and broke down our individual tasks. We also met with our clients on Monday and talked about how we should create a use case to describe how to use our app and device. We also completed the design document for this week which was centered around the testing of our project. Finally, we updated our team website with all our other weekly reports, design documents, and individual bios.

Pending Issues

- Proper connection of arduino pins to peripherals
- Establish bluetooth communication protocol

Plans for Upcoming Reporting Period

- Client meeting
- Advisor meeting
- Continue work on individual tasks
- Meet to work on hardware software communication and final prototype assembly.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Steven Trinco	Client Meeting, weekly report, advisor report, Team Meeting, hardware system, design document	6	29.5
Jon Pixler	Client meeting, completed advisor deliverable, Weekly report and design document completion, developed hardware system and successfully tested program to control vibration of motor with microcontroller. Gather supplies to build a soldered prototype for further coding.	6	30.5

Maisy Millage	Client Meeting, weekly report, advisor report, Team Meeting, UI Activity Page	4	22.5
Comlan Bocovo	Client meeting, completed advisor deliverable, Weekly report, Team Meeting, Learned Flutter	4	26.5
Carver Bartz	Client Meeting, weekly report, advisor report, Team Meeting, UI, design document	6	30.5
Sam Brang	Client meeting, updated team website, worked on the weekly report and design document.	4	27.5

Gitlab Activity Summary

Nothing to report.
