

sdmay23-08: PTSD detection device

Week 3 Report

October 7 - October 14

Team MembersSteven Trinco — *Hardware design, Discord Admin*Jon Pixlar — *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 and Electrical Design***Summary of Progress this Report**

During this week we met with our clients and discussed more on the design of the dog device. We talked about using an Arduino or Raspberry Pi to run the vibrating motor on the dog. Also discussed how we are wanting to attach the device to the dog. At the moment we are leaning more towards the device being placed on the service vest. Our group also got together in person to discuss the Project Plan document and go over items for our lightning talk. We created a chart with the tasks we are going to complete and an estimate on how long we think each task will take. We also went over milestones, risks, and came up with a few resources we need for this project.

Pending Issues

- Concerns over dog-device interaction
- Deciding on specific vibrating motors (We will be order multiple motors to figure this out)
- Creating a positive experience for both the Veteran and the service dog.

Plans for Upcoming Reporting Period

- Client Meeting Monday
- Lightning talk Tuesday
- Advisor meeting Wednesday
- Order Materials
- Start Mobile App UI
- Blueprint dog device
- Complete design contextualization and exploration document

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Steven Trinco	Client meeting, Work on the project plan	3.5	11.5
Jon Pixlar	Client meeting, Work on the project plan	3.5	9.5

Maisy Millage	Client meeting, Work on the project plan	3.5	9.5
Comlan Bocovo	Client meeting, Work on the project plan, Lightning talk presentation	3.5	11.5
Cosette Thompson	Client meeting, Work on the project plan	3.5	11.5
Carver Bartz	Figma Mockup, Client Meeting, Project Planning Doc, Gantt Chart	5	11.5
Sam Brang	Client meeting, Work on the project plan, weekly report	3.5	11.5

Gitlab Activity Summary

Nothing to report.
