

sdmay23-08: PTSD detection device

Week 5 Report

October 21 - October 28

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*Carver Bartz — *Software Design*Sam Brang — *Team organization and Electrical Design*

Summary of Progress this Report

During this time frame our team met with our client once again for our weekly meeting to discuss the progress we have made on our project so far. We also talked about purchasing the Apple watch and the other components for the dog device and submitted an order for our parts with our advisor and ETG. Once we get the parts in, we will begin assembling and prototyping the dog device. Our team also collaborated this week to finish our Project Design report for class and discussed how the rest of the semester will go as we had an unexpected event occur that impacted things for our project this semester.

Pending Issues

- Where will parts be delivered to, when?
 - Discuss each team member's role for the rest of the semester.
 - Powering our dog device.
 - Connecting our dog's device with Apple watch/App.
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Plans for Upcoming Reporting Period

- Find parts once delivered, get them in our possession, plan time to sit down and build hardware prototype and bluetooth communication prototype.
 - Complete our individual Ethics and Professional Responsibility Assignment.
 - Meet with our Clients Monday 2pm to 3pm.
 - Meet with our Advisor Wednesday 10pm to 10:30pm.
 - Reassess Team Contract.
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Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Steven Trinco	Client meeting, project design document, weekly report, learning about the Arduino we plan to use, learning CAD software for enclosure	5	19.5
Jon Pixler	Proposed Design Doc, reorganized with group after unexpected teammate loss, keep tabs on parts order, client meeting, help organize work delegations for hardware software prototyping and new class email communication protocols.	5	19.5
Maisy Millage	Client meeting	1	14.5
Comlan Bocovo	Project design document; Learn Arduino basic programming; some research on machine learning	3	18.5
Carver Bartz	Client meeting, UI work, Project design document.	3	19.5
Sam Brang	Client meeting, Project design document, Weekly report, and some research on the vibrating motors and Arduino we bought.	4	19.5

Gitlab Activity Summary

Nothing to report.
