sdmay23-12: Unified Butterfly Recorder - Reboot
Week 2 Report
September 30 - October 14

Team Members
Anthony Mazzie — *Tester*
Grace Wigen — *Team Organizer*
Jeremy Marchesani — *Individual Component Design*
Ryan McNally — *Research*
Timothy Ellis — *Developer*
Zachary Wingert — *Research*

Summary of Progress this Report
We met with Nathan and Dr. Rover on 10/3. During this meeting we discussed options for development routes (i.e. Progressive Web App (PWA) vs cross-platform). At the end of the meeting Dr. Rover advised us to discuss the drawbacks of hosting services / architecture options as a group. We voted in Discord and the group decided to build a PWA.

We researched the costs of hosting on AWS and determined the main expense will be the domain, which is $12.00/year. The rest of the services are free up to a certain level of usage/users which we believe we will fall under.

We built and hosted a minimal prototype of a PWA on AWS using real AWS architecture, as a proof of concept.

We submitted our user needs document on 9-30
We submitted our requirements document on 10-7

Pending Issues
Determine which fields the UBR requires database storage
Determine which sensors the UBR requires access to from mobile devices
Project plan document due by 10-14

Plans for Upcoming Reporting Period
At the next meeting with Dr. Rover and Nathan (10-17) discuss architecture and hosting services options
Discuss budget (estimated cost using AWS <$20/year)
Discuss project plan

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Anthony Mazzie	Worked on user needs document, Worked on requirements document, Worked on project plan document, Research cross-platform options	10	0

Grace Wigen	Worked on user needs document, Worked on requirements document, Worked on project plan document, Research cross-platform options	10	
Jeremy Marchesani	Worked on user needs document, Worked on requirements document, Worked on project plan document, Research cross-platform options	10	
Ryan McNally	Worked on user needs document, Worked on requirements document, Worked on project plan document, Research cross-platform options	10	0
Timothy Ellis	Worked on user needs document, Worked on requirements document, Worked on project plan document, Research cross-platform options	10	0
Zachary Wingert	Worked on user needs document, Worked on requirements document, Worked on project plan document, Research cross-platform options	10	

Gitlab Activity Summary

Nothing to report.