sdmay19-16: Smartphone App to Detect TwD (Texting while Driving)
Week 10 Report
November 25 - December 1

Team Members
- Kristina Robinson — *Project Lead*
- Sara Mace — *Meeting Scribe*
- Andrew Knaack — *Lead Designer*
- Lucas Golinghorst — *Test Engineer*
- Derek Clayton - *Report Manager*
- Ryan Baker - *Lead Architect*

Summary of Progress this Report
As stated in the previous report, the focus of this reporting period was to finalize many of our documents in preparation for the upcoming semester. Revisions were made on the final version of our Project Plan and Design Document. Furthermore, we considerable time into our final presentation, schedule for Tuesday in what would be the following reporting period. As the semester is coming to a close, we do not expect much more progress to be made on the project outside of these documents.

Pending Issues
- When we return from break, we will need to begin work on fully implementing our six modules.
- Bugs in the spelling tracker need to be resolved.
- A centripetal acceleration algorithm needs to be developed.
- The magnetic sensor for phone handling needs to be fully tested.
- A phone lock mechanism must be created.
- A machine learning algorithm for image processing must be developed for the camera module.

Plans for Upcoming Reporting Period
- The next reporting period will be next semester, and will include the early work we do when we return to campus.
- Ideally, it will detail resolutions to some of our pending issues.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Kristina Robinson	Put together my part of the presentation as well as fixed sections of the design documents. Met with team to practice final presentation.	7	65
Sara Mace	Organized my portion of the final presentation. Worked on the design document, specifically in the design issues and results sections. Practiced for final	7	66

	presentation with rest of team.		
Andrew Knaack	Created my slides for the presentation regarding Functional Decomposition and Detailed Design. Spent some time rehearsing. Made new diagram for Design Document and reviewed Project Plan for the last time.	6	76
Lucas Golinghorst	Made slides on final presentation for hardware, testing plan, and prototype implementation. Worked with team to practice for presentation. Made final edits to project plan v3 and design document v2.	6	66
Derek Clayton	Revised sections of the design document for the final version, specifically the design analysis portion. Created slides for the final presentation on current status, plans for next semester, and individual contribution/tasks.	6	65.5
Ryan Baker	Finished project plan v3. Revised sections of the final version of the design document regarding the hardware/software utility and design testing/implementations. ALso made slides on the final presentation for functional and non-functional requirements as well as constraints.	9	67.5
		Total Group Hours:	406

Gitlab Activity Summary
Nothing to report.