

---

**sdmay19-16: Smartphone App to Detect TwD (Texting while Driving)**

Week 15/16 Report

April 22 - May 3

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

---

**Summary of Progress this Report**

The focus of these last two weeks was to conduct final testing on the system and calculate the statistics of success. Following testing, we pooled our resources into finishing the final report and presentation.

---

**Pending Issues**

Derek and Lucas need to turn in test devices after the demo.

---

**Plans for Upcoming Reporting Period**

Everyone will present and demo the final project. Derek will compile the final weekly report.

---

**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Kristina Robinson	Helped with field testing. Added my parts to the presentation slides and final report for the project. Worked on final touches to application. Performed final presentation and demo.	16	94
Andrew Knaack	Did several sections for the Final Report and our presentation. Practiced presenting. Helped with field testing. Performed final presentation and demo.	15	107
Sara Mace	Added parts to final report and presentation. Helped with field testing. Worked with Kristina on final touches to application.	16	97

	Performed final presentation and demo.		
Lucas Golinghorst	Helped with testing and added sections to final report and presentation. Performed final presentation and demo.	16	100
Ryan Baker	Contributed to field testing, the final report, presentation. Performed final presentation and demo.	14	93
Derek Clayton	Contributed to final report and presentation. Compiled information for final weekly report. Worked out some final kinks in the modules and helped with field testing. Performed final presentation and demo.	15.5	107
		Total Group Hours:	596

### Gitlab Activity Summary

Kristina integrated new centripetal acceleration module into app with thresholds [2 changed files, 49 adds, 75 dels](4/24).

Derek fixed logic in drive pass [1 changed file, 1 add, 1 del](4/24).

Kristina added checks for centripetal acceleration [2 changed files, 15 adds, 3 dels](4/25).

Kristina changed code in texting module to lock out if [2 changed files, 3 adds, 2 dels](4/29).

Sara added log statements for testing purposes [2 changed files, 9 adds, 2 dels](4/30).

Kristina merged the complete application to master [1 changed file, 2 adds, 2 dels](5/2).

---