

sdmay23-21: Automatically aligned wireless smartphone charger

Week 7 Report

November 7 - November 11

Team MembersGreg Matson — *Lead Researcher, Lead Tester*Jeremy Noeson — *Software Designer, Scribe*Jack Welch — *Tester, Prototype Designer*Malakhi Barkley — *Software Designer, Prototype Designer*Remington Greatline — *Hardware Designer, Researcher*Noah Pritchard — *Hardware Designer, Client Interactor***Summary of Progress this Report**

We met with our advisor and found out that the testing we performed last weekend is flawed, because we testing the charging coil with the multi-meter set to DC, rather than AC. We determined a meeting time for this weekend to correct this issue. We also completed our Design Document: Testing assignment.

Pending Issues

There are no pending issues to report at this time.

Plans for Upcoming Reporting Period

We plan to conduct proper testing on the charging coil, and begin development of a blueprint of the rail system within the charger.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Greg Matson	Contributed to the Testing Design Document.	4	
Jeremy Noeson	Contributed to the Testing Design Document. Worked on the site.	3	
Jack Welch	Contributed to the Testing Design Document. Worked on the weekly report.	4	
Malakhi Barkley	Contributed to the Testing Design Document. Worked on the site.	3	0
Remington Greatline	Contributed to the Testing Design Document.	4	0
Noah Pritchard	Contributed to the Testing Design Document. Sent the last weekly report to our advisor.	3	0

Gitlab Activity Summary

Nothing to report.
