

**sdmay23-21: Automatically aligned wireless smartphone charger**

Week 2 Report

October 3 - October 9

**Team Members**Greg — *Lead Researcher*Jeremy Noeson — *Scribe*Jack Welch — *Lead Prototype Designer*Malakhi Barkley — *Lead Prototype Designer*Remington Greatline — *Lead Researcher*Noah Pritchard — *Client Interactor***Summary of Progress this Report**

This week, our group had our weekly meeting where we decided on a Wireless charger to purchase from Amazon, discussed further methods on how to move the coils in the wireless charger, established our wireless charger design requirements, the necessary IEEE standards that we need to follow moving forward, and our next steps.

**Pending Issues**

Due to everyone's midterms taking place this week, we did not get as much done this week as we would have liked to. As a result, we are slightly behind our initial plan. However, we do not expect this to be a major issue as we have plenty of time next week to catch up.

**Plans for Upcoming Reporting Period**

Our next step is the wait for our Wireless charger to ship, take it apart, and learn how all of the components are connected and work together. The goal is to have this done by next Saturday (10/15)

**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Greg	Researched potential wireless chargers on Amazon that our group can take apart and reverse engineer. Also researched the necessary IEEE standards that our group should follow moving forward in the project.	4	
Jeremy Noeson	Wrote down our weekly meeting minutes/notes from our discussions on potential wireless charger solutions.	3	
Jack Welch	Lead our discussion on more potential solutions on moving the coils within the wireless charger.	3	

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Malakhi Barkley	Lead our discussion on more potential solutions on moving the coils within the wireless charger.	3	0
Remington Greatline	Researched potential wireless chargers on Amazon that our group can take apart and reverse engineer. Also researched the necessary IEEE standards that our group should follow moving forward in the project	3	0
Noah Pritchard	Discussed more potential soltuions for moving the coils in the wireless charger.	3	0

**Gitlab Activity Summary**

Nothing to report.

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