

sdmay23-21: Automatically aligned wireless smartphone charger

Week 1 Report

September 25 - September 30

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

This week, our group had our initial meeting with Professor Huang, where he went into detail about his expectations, potential solutions, and a good place to start. The next day, our group defined the user needs and their key characteristics, and we laid out what our next steps are.

Pending Issues

There are not any major identifiable issues at the moment.

Plans for Upcoming Reporting Period

Our next step is to order and reverse engineer a wireless charger, and to settle on a method of moving the coils within the charger. The goal is to have this done before next Saturday 10/8.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Noah Pritchard	Helped get in touch with our client (Professor Huang) and set up an initial meeting together. Assisted with the User Needs document and helped research ideas for the wireless charger.	4	0
Jeremy Noeson	Compiled our meeting notes from when we met with our client and when we met together. Assisted with the User Needs document and helped research ideas for the wireless charger	3	
Remington Greatline	Assisted with the User Needs document and helped research ideas for implementation of the wireless charger	3	0
Greg Matson	Assisted with the User Needs document and	3	

	helped research ideas for the implementation of the wireless charger		
Jack Welch	Assisted with the User Needs document and helped research ideas for the wireless charger	3	
Malakhi Barkley	Assisted with the User Needs document and helped research ideas for the wireless charger	3	0

Gitlab Activity Summary

Nothing to report.
