

Team Name: sdmay24-17

Team Members:

- Alexandra Whitmer
- Karandeep Sandhu
- Zheyuan Zhang
- Grant DeWaay
- Seyedehbahareh Hashemimovahed
- Austin Krekula

Report Period: Oct 22-Oct 05

Summary of Progress in this Period

- Worked on details of the designs
- Discussed practically of specific aspects of our design
- Discussed on possible facilities we can utilize on campus such as #D Printers, ETG(For borrowing equipment such as Raspberry Pi, etc.)
- Generating ideas on what parts we may need to purchase, their functionality and price within budget
- Finalized using python

Pending Issues

- Research details on parts and equipment
 - USB-C sockets/cables
 - electromagnetic power transmission from grid to buildings,
 - Etc.
- Develop git issues
- Research on making an inductive coil to transfer energy wirelessly between the placemat and a building

Plans for Upcoming Reporting Period

Continue discussing project plan, design, and research on hardware and software products/tools required for developing project. Meet with our advisor to discuss some of our issues and progress.