

EE Senior Project

Spring 2020

Weekly Progress Report and Planning Sheet

Solar Powered Charging Dock for eScooters

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Week of: 1/15/2019

Activities Completed This Week:

- Start of the Senior Project 2 semester.
- Met with Mr. Jahangier and Adel about the lab that we will be working in. Due to some reshuffling of lab space the lab that we were using before is no longer available, and we will have to use the Senior Design Lab. Adel gave us permission to use any materials that he might have, and also use a closet in the Electric Machines Lab to store our materials/progress.
- We worked on consolidating our schedules into one schedule to find out when we are open to get together to work. We have decided that Thursday and Friday between 6 and 9 are great times to get together and work. We can also use the weekends if we want.
- Nate researched arduino pi communication using a program developed in python to calculate sun angle and he overhauled our website.
 - This means that we are going away from using the sun tracking website, which will be better when it comes to having a stand alone structure.

Activities in Progress:

- Nate is optimizing the software used for
- Bleam and Samu are working on designing the system to be modular and expandable.
- Sourcing/design of safety measures.

Activities to be Started Next Week:

- More research.

Issues for Immediate Action and Attention:

- Get the materials

Key Team Interdependencies and Resolution:

- Relying on Nate for all the website production/upkeep.