

fProject 12: Solar Roadways

10/16 Meeting Minutes

Attendance:

Tavara Freeman
Violet Gomm
Jesse Strange
Hussain Beleed
Dr. Herb Hess

Topics:

- EP Lot Proposition assigned during Snapshot
 - We have a couple ideas written up, and will hand them out at the end.
- Kerri May contact:
 - Waiting on Solar Roadways Warriors (SRW) team to put the solar panels back to testing site after moving from snapshot.
- Mike McMenamy contact:
 - Waiting to getting more info from SRW about testing before contacting him about equipment.
- Alyssa Delbridge contact:
 - We sent an email on Sunday still waiting to hear back from her.
- Visit Solar Panels:
 - Want to do this sometime in this next week. It is supposed to be sunny this weekend so hopefully they have it back up by then for us to see their testing set up.
 - Want to go on Thursday during senior design class time.
- Meeting with SWR:
 - We now have their test schedule. They will be testing all of November so we probably won't be able to do anything with the panels until January.
 - They told us the software is having issues, can we write our own?
 - The Solar Roadways software still seems to be in beta, so why not try to create our own?
 - Showed us the microprocessor boards that control the LEDs and heating element.
 - We could work on understanding and working with the boards this semester and then testing next semester.
- Design Validation Plan is due on Thursday.
 - There is a template on the mindworks website.
- Design Review is coming up next month.
 - Organized what we are going to do and how we are going to do it.
- What are our thoughts of the project so far?
 - Can we negotiate with the other team on getting tests done that will benefit us?
 - We seem to be doing better and have a clearer goal than other teams.
 - Main issue is getting in contact with Solar Roadways in a timely manner about creating our own software to control the LEDs.
- Do the panels talk with each other? Could we get an LED to march across one panel and continue across the other?

- Tasks to complete this week:
 - DVP
 - Seeing the solar panel setup
 - Tavara meet with Silas to go over software