

Solar Sailors

Meeting Minutes from 09/23/2020

Members in attendance:

Adriana Oliveira (Team Member)

Steve Szablya (Sponsor)

Brady Jerome (Team Member)

Lukas Vermeulen (Team Member)

- Meeting Started at 5:40 PM
- Recap of previous meeting
- Lukas discussed his findings on a microcontroller
 - Relatively cheap (only \$6.50)
 - Small size (roughly the size of a quarter)
 - Compatible with Arduino and Python code
- Lukas also drew a circuit diagram
 - Included a battery supply, voltage regulator, sensor, and microcontroller
 - The team decided everyone should do more research into this circuit and report on any findings
- Set up a meeting time to work on the Gantt Chart
 - Sept. 29, 2020
- Adriana brought up the idea of using two sensors to get a more accurate reading
 - Position the sensors facing North and South to get the sun rising and falling angles
- Each team member should do research into the circuit diagram, as well as any other research that is needed or important

- Q: Will we have access to a data logger for our project?
 - A: Yes, we will have access
- Q: What type of cable connector we will be using to transfer the data
 - A: A straight wire that connects directly to the data logger
- Meeting ended at 6:22 PM