Meeting Minutes - A.P.S.U.

1st Review Meeting- 2/11/21

**In this meeting we discussed the organization and jobs of the group. Taylor is Project Manager, Nathan is in charge of design and concept, and Nick is the secretary.**

2nd Review Meeting- 3/15/21

**In this meeting we discussed ideas on how to design the solar array. Taylor spoke about the requirements that the customer had, and on how we should implement them. Nathan spoke about the design concepts for the solar array. Nick wrote down the ideas and concepts**.

3rd Review Meeting- 4/21/21

**In this meeting we discussed the cost and parts we need to manufacture the solar array. Nathan pitched his ideas for the design construction of the mechanical parts as well as parts. Taylor pitched his ideas for the electrical construction, as well as parts. Nick wrote down a parts list as well as websites on where to buy. Nick also discussed parts that he can get from his work for free.**

*SUMMER SEMESTER*

4th Review Meeting- 6/16/2021

**In this meeting we discussed the parts and set up of the solar panel array at Make Nashville. Nathan and Taylor were involved with the inventory count. Nick was in Chattanooga for work. He couldn't make it due to the shut down of the Volkswagen plant**.

5th Review Meeting- 6/17/2021

**In this meeting we discussed what additional parts we need. Nick said he could bring most of the parts to Make Nashville**.

6th Review Meeting- 6/23/2021

**In this meeting, Nick could not make it due to his work in Chattanooga for the shutdown of Volkswagen. Taylor and Nathan started measuring and cutting the aluminum framing**.

7th Review Meeting- 6/29/2021

**In this meeting Nick couldn't make it due to the shut down for Volkswagen and was in Chattanooga for work. Nathan and Taylor started assembling the solar array aluminum frame to the solar panel**.

8th Review Meeting- 7/7/2021

**In this meeting we discussed the project and what we got done, Nathan couldn’t make it due to his work. The customer (Professor Anderson) had some questions about the progress of the solar panel array.**

9th Review Meeting- 7/21/2021

**In this meeting we worked on the brackets to make the aluminum post stronger than what it was before, Nathan and I worked on that, while Taylor worked on the software and the wiring.**

10th Review Meeting- 7/27/2021

**In this meeting we worked on bluing the metal and doing the electrical harness and testing it. We tested the photoresistors to make sure they are collecting the data.**

11th Review Meeting- 7/28/2021-7/29/2021

**In this review meeting we assembled everything to make sure everything was running properly, that night we fried the bread board and other components on it. The next day we started troubleshooting it and tried to fix it.**