Team: 34

Project Title: RV Power Monitoring System

Date: 10/22/21

Members:
Individual 1: Peter Rothstein
Individual 2: Nickolas Moser
Individual 3:Utsavee Desai
Individual 4: Kent Mark
Individual 5: Matt McCarthy
Individual 6: Doug Bullock
Individual 7: Michael Woo
Individual 8: Jace Kunkel

What we have accomplished/researched this past week:
Individual 1: Completed the testing document with the team. Continued research with frontend research with dynamic react components.

Individual 2: Completed testing document and lightning talk with team. Researched existing communication solutions for RP2040 as well as round-robin ADC polling capabilities

Individual 3: Worked on the testing document with the group, finished the lightning talk and researched more on how shunt resistors will be used in circuits

Individual 4: Finished lightning talk. Began looking into dynamic react components.

Individual 5: Met with the team and completed the testing document.. Researched more into possible microcontrollers.

Individual 6: Completed testing document with team and looked at more ways to implement circuitry in project

Individual 7: Completed the testing document and lightning talk. Investigated circuits for A/C analysis

Individual 8: Completed the testing document. Helped to do the lightning talk this week. Researched circuit designs for power monitoring.

What were planning to do in the coming week:
Individual 1: Planning on working on a rough local frontend UI design for the application.

Individual 2: Experimenting with RP2040 code base and possible communication solutions

Individual 3: Discuss possible ways to work with power monitoring and start making designs for circuits

Individual 4: Will help with coming up with a frontend UI design for application.

Individual 5: Discuss with the team about the design of the system and layout of the circuits

Individual 6: Look to start making circuit design markups with various component discussion

Individual 7: Discuss ways to deal with A/C power monitoring and where we can test

Individual 8: Continue researching circuit designs and possibly get some drawings and simulations started.

Issues we had in the previous week:

Individual 1: None

Individual 2: None

Individual 3:None

Individual 4: None

Individual 5: None

Individual 6: None

Individual 7: None

Individual 8: None