

Progress Report

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(9/10/23 - 9/16/23)

- This week, we clarified and defined our subsystems for each team member
- There was some confusion on some details on what the DUT is and what the deliverables were, but they were clarified through additional communication from our sponsor
- I am now researching what parts to order to get the order in by the week of September 18th
- My plan is to get the order in and keep researching on designs and soldering skills while waiting for the parts.

(9/17/23 - 9/23/23)

- Started the parts list and researching what parts to use and what is necessary
- Ironing out details of the project to get a clearer understanding of the requirements

(9/24/23 - 9/30/23)

- Finishing FSR and other documents needed
- Studying how Altium works
- Finalizing what parts to use in the project

(10/1/23 - 9/7/23)

- This week, we were working on our first presentation
- Also this week we finalized our parts list and got it sent to get ordered
- The parts came in and just need to be picked up
- Working on schematics and PCB design

(10/8/23 - 10/14/23)

- This week is working on finishing schematics
- PCB routing should be completed by next week and submitted for fabrication
- Parts were picked up and more are going to be ordered after board is submitted

(10/15/23 - 10/21/23)

- Schematic is almost finished with some validation
- DUT Schematic design was designed
- PCB Routing should be completed next week for fabrication

(10/21/23 - 10/28/23)

- Schematics are completed
- PCB Routing is under progress and should be completed next week for fabrication

(10/29/23 - 11/4/23)

- Added UART pins and heating resistors on board on schematic
- Almost done routing, just need to readjust the routing on the board to save space and add the UART pins and heating resistors

(11/5/23 - 11/11/23)

- PCB Routing is complete and board is ordered
- Practice soldering on a practice board