EE/CprE/SE 491 WEEKLY REPORT XY

10/11/24 – 10/17/24
Group number: sdmay25-31
Project title: i281
Client & Advisor: Prof. Alexander Stoytchev
Team Members:

Ethan Uhrich - Team Lead & Treasurer
Ariana Dirksen - Editor & Note Taker
Tessa Morgan - Task Manager & Webmaster
Gigi Harrabi - Client Interaction & Outreach Coordinator

Weekly Summary

This week we focused on creating the lab documentation for the MUX lab. In addition we continued working on the PC breadboard mockups. We also attended a TA training event on building an ALU.

Past Week Accomplishments

Ethan Uhrich: put together list of materials for second order
Ariana Dirksen: Started the PC Lab documentation, continued working on the MUX lab documentation.
Tessa Morgan: Worked on building the PC with Gigi and continued simulating the MUX to get pictures for the lab documentation. Am talking with ETG to get a new locker/shelves.
Gigi Harrabi: Worked on building the PC with Tessa and communicated with Dr. Shannon about potential outreach events (Lab based)

Pending Issues

Ethan Uhrich: EROM used by the previous team is no longer in production, working with an advisor for suitable replacement.
Old EEROM: W27C512-45Z
Possible Replacement: AT28C256-15PU

Individual Contributions

NAME	Individual Contributions (Quick list of contributions. This should be short.)	Hours this week	HOURS cumulative
Ethan Uhrich	Put together list for second order, continued work on PC	5	24
Ariana Dirksen	Started the PC Lab documentation and continued working on the MUX lab documentation and continued working on PC mockup.	5	27
Tessa Morgan	Built PC, got shelves for the locker, continued getting photos for MUX lab.	4	24
Gigi Harrabi	Finished PC and setting a WiSE outreach event	5	21

Plans for the Upcoming Week

Ethan Uhrich: Find suitable replacement for obsolete product, place 2nd material order.
Ariana Dirksen: Begin editing and finishing up the rough draft of the MUX lab. Continue working on the PC mockup. Begin working on rough drafts for the labs one and two.
Tessa Morgan: Finish getting photos of MUX and finalize PC on breadboard. Begin simulating PC online. Begin populating the team website.
Gigi Harrabi: Communicating with WiSE to set up outreach event

Summary of Weekly Advisor Meeting
- Show Prototyped MUX Circuits
- Discussion on steps moving forward for MUX Lab Documentation
- Design Element Discussion - Project Goal
- Discussion on steps moving forward for the Project
- Lab Timeline Layout
- Ordering Additional Parts
- Long Term Storage for Circuits