

## EE/CprE/SE 491 WEEKLY REPORT 02

9/20/24 – 9/26/24

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

Met with the TA to clarify design elements and focus for the project. Continued reviewing processor documentation and other provided material.

### Past Week Accomplishments

Ethan Uhrich: Made list of required materials, Got the first order of materials in for the first 3 labs, Made a spreadsheet to keep track of expenses.

Ariana Dirksen: Looked over the GIT repository for the OS, reviewed more processor documentation and previous year's senior design projects relating to the i218e processor and created a lab activity outline.

Tessa Morgan: Continued reviewing materials provided by the client and talked to ETG and got our group assigned a locker.

Gigi Harrabi: Contacted potential connections for fall outreach activities.

### Individual Contributions

NAME	Individual Contributions (Quick list of contributions. This should be short.)	Hours this week	HOURS cumulative
Ethan Uhrich	Made list of materials, Ordered Materials, made spreadsheet to keep track of expenses.	5	10
Ariana Dirksen	Made a lab activity outline, went over additional material related to the processor.	5	11
Tessa Morgan	Got locker in senior design lab and continued reviewing materials.	4	10.
Gigi Harrabi	Contacted potential connections for fall outreach activities.	4	10

### **Plans for the Upcoming Week**

Ethan Uhrich: Follow up with ETG on ETA of materials. Start Prototyping truth tables and circuit diagrams for MUX lab.

Ariana Dirksen: Look into how to use KiCad. Map out lab topics in terms of order and potential holes in the curriculum.

Tessa Morgan: Research KiCad and research feasibility of lab activity ideas.

Gigi Harrabi: Get clarity on when to start events in the fall and set them up. Fine-tune material & ideas. Will do program counter circuit and components with KiCad

### **Summary of Weekly Advisor Meeting**

- Overview of complete PCB implementation on breadboards
- History of Project
- Simulator Overview - 7 segment display
- Going over Parts Order