EE / CprE / SE 492 – sdmay23-48

Arduino Hands-on and Design Resources / Tools for Designers

Week 9-10 Report
4/8/2023 – 4/21/2023

Client / Faculty Advisor
Dr. Mani Mina

Team Members:
Joe Kroeger – Client Interaction
Kyle Todd – Team Organization
Zhengyi Shen – Project Management
Tsung Hsuan Ho – Testing

Past Week Accomplishments
We finished the prototype of the first lab and presented it to the Industrial Design students. From their feedback we started to refine it and plan the future labs. The students felt videos would be a helpful tool so we started discussing the feasibility of that. We also had the chance to meet with our advisor to discuss the direction we are taking with the labs.

Contributions
Joe Kroeger - 4 hours
- Met with advisor
- Met with Industrial design students to discuss first lab
- Brainstormed for ideas for future labs

Kyle Todd - 6 hours
- Talked with the INDD students to go over important parts of the tinkerkit
- Made Lab 1
- Went over Lab 1 with INDD students to see what could have been done better
- Started brainstorming for lab 2 (videos are a good route)

Zhengyi Shen - 4 hours
- Worked on lab
- Continued work on help docs

Tsung Hsuan Ho -
- Brainstorming for google form made for reflections.

Plans for Next Two Weeks

We will finalize our plans for the labs. We would like to have four complete labs to present at the end of next period. We will look into creating and adding videos to the labs. If time and schedules permit we will meet with the Industrial Design students.