EE / CprE / SE 492 – sdmay23-48

Arduino Hands-on and Design Resources / Tools for Designers

Week 5-6 Report
3/3/2023 – 3/24/2023

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
The team has been brainstorming possible lab projects that would interest Industrial Designers. We met with a team of Industrial Designers who have been working independently and relatively unsupervised with an Arduino test kit to get a better idea of their preferences. Turn out with this group has been low, but we are getting solid information from those who are participating. We are starting the process of designing the lab projects.

Contributions
Joe Kroeger - 4 hrs
- Met with Industrial Design Arduino team to discuss their progress.
- Met with team members to complete project documents.
- Studied possible Arduino material to create possible labs.
- Further research on Industrial Design learning techniques.

Kyle Todd - 4 hrs
- Met with Industrial Design Arduino team to discuss their progress.
- Obtained ideas from the meeting to create future labs
- Looked over the materials that the industrial design student have used to start their individual projects

Zhengyi Shen - 4 hrs
- Met with Industrial Design Arduino team to discuss their progress.
- Continued working on the Arduino help sheet.
- Looked into existing projects and potential ways to get them set up easier

Plans for Next Two Weeks

We plan to design some prototype labs using the data we have collected from the Industrial Design students. We will present them to the independent Arduino study group to get feedback and advice. We will make adjustments as needed. We also plan on meeting with our advisor to update him on our progress and check on the progress of the 491 team.