
EE/CprE/SE 491 WEEKLY REPORT 6

03/05/23 – 03/11/23

number: sddec23-07

Project title: Arduino Hands-on and design resource phase II

Client &/Advisor: Mani Mina

Team Members/Role:

Member 1: Chin-Yen Liang, Project Leader

Member 2: Mark Sandstrom, Soft Research and Development

Member 3: Kyle Thompson, Technical Research and Development

Member 4: Mohamedelbashir Eltigani, Head of Communications & Scheduling

○ **Weekly Summary**

This week we did not do much in terms of work towards the project due to midterms, and right before spring break. We had spoken with Professor Monica, and got some introductions going and spoke and asked about studio.

○ **Past week accomplishments**

- Kyle Thompson: This week, I spent time investigating the best ways to collect substantial data from lots of surveyors to help with our investigation with the recent interest recieved from Professor Mina's group. Along with this I updated my profile on the team website and met with the team to discuss plans moving forward after spring break.
- Chin-yen Liang:
- MohamedElbashir Eltigani: During this week, I was researching the different learning skills that IND D students could have, we established contact with Prof. Monica, and we are planning to schedule a visit to her studio after spring break. I worked with the other team members to update the senior design website by uploading the reports and adding bios of each team member.
- Mark Sandstrom: This past week, I continued diving into the INDD students' process. I also looked through the past Arduino class for INDD students and began deciphering why it was not very successful. This past class looked very similar to EE labs, which may be part of the problem.

○ **Pending issues**

- Kyle Thompson: N/A

- Chin-yen Liang: N/A
- MohamedElbashir Eltigani: we already established contact with professor Monica, waiting for her to let us know when is a good time to meet and visit her studio. we need to establish contact with INDD after spring break.
- Mark Sandstrom: N/A

Individual contributions *(Creating this section is optional)*

- Kyle Thompson: N/A
- Chin-yen Liang:N/A
- MohamedElbashir Eltigani: NA
- Mark Sandstrom: NA

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Chin-yen Liang	Just some light research on design topics, as well as type of work they do.	6	33
Mark Sandstorm	Reasearched Design thinking, Went over the last arduino class that did not do well.	7	34
Kyle Thompson	Researched data collection strategies and updated team website.	7	36
MohamedElbashir Eltigani	research INDD learning skills, updated the SD website and tried to arrange a meeting with Monica.	7	42

○ **Comments and extended discussion** *(Optional)*

○ **Plans for the upcoming week**

We currently do not have any plans for the coming week as it will be spring break. For the week following spring break, we hope to meet again with Mani, meet with Monica in the college of industrial design, and sit in on some of the studios she teaches. We also hope to move forward with collecting information from INDD students that were interested in discussing the program and their way of learning/what interest them.

○ **Summary of weekly advisor meeting**

This week, we have yet to meet with Mani. He was busy taking care of his health. We hope he is doing well and will only push him into meetings once he has time. Returning from the break, we plan to meet with Monica to begin planning to go into her studio and further our research; hopefully, Mani will have time to accompany us.