
EE/CprE/SE 491 WEEKLY REPORT 7

03/11/23 – 04/02/23

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 Lead

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**

We came up with questions for interviewing students and contacted Monica. She is currently filtering and reviewing our questions. We also continue to work on our design document. A few of us have spent time and met with Monica in her studio, worked through some research questions, and conducted interviews.

○ **Past week accomplishments**

- Kyle Thompson: I have worked on our Project Planning and Requirements presentations in the last two weeks. I also visited Monica's studio hours to interview an INDD student and talk with Monica about the questions we plan to ask in our upcoming student interviews. During this time, I also worked on re-formatting our project deliverables.
- Chin-yen Liang: Spent a couple of hours in 370X observing and spent time in Monica's studio speaking and observing students. Met with a student and spoke with them about their experiences and ups and downs.
- MohamedElbashir Eltigani: During the previous two weeks, I worked on finding a better plan for our projects, researching the best questions to ask the INDD students that will give us a better understanding of how to approach our project going forward.
- Mark Sandstrom: I researched some better questions to be asked during the interviews and how designers and engineers communicate. There was a good portion of determining what they find condescending and what they don't. I also met with our group to redefine our plans moving forward.

○ **Pending issues**

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

| <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 | Sat and observed a 370X class as well as two separate studios in INDD | 20 | 53 |
| Mark Sandstorm | Presentation assignments and further research for communicating with designers. | 14 | 48 |
| Kyle Thompson | Worked on presentation assignments and worked with Monica on our future interview plans. | 15 | 51 |
| MohamedElbashir Eltigani | worked on arranging meetings with Prof. Mani and Monica, and worked on the presentation assignment. | 14 | 56 |

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

○ **Plans for the upcoming week**

Upcoming week we hope to be able to conduct interviews with INDD students and finally have some hard data and notes to have. Up until this point all conversations have been pretty casual and undocumented so it'll be nice to have acquired hard data. We may not get to conducting interviews next week but we will at least have sent out time slots and signups for students to do.

○ **Summary of weekly advisor meeting**

Went over future plans with Prof Mina regarding his absence. we could not meet last because of his busy schedule and he had emergency meetings. we will have a meeting on Monday, April 3rd. we will discuss the interview questions that we prepared with Monica.