EE 491 Weekly Report 1

Date: 9-6-16 -- 9-12-16

Group Number: May17XX (We don’t have/know our group number)

Project Title: Preliminary Title for Esplora Board Replacement

Advisor: Dr. Daniels

Team Members:

Kyle Fischer - Team Lead

Michael Linthicum - Communications Lead

Daniel Shauger - Innovations Lead

Sam Neff - Webmaster

Nick Juelsgaard - Schedule and Planning Lead

Summary of the Week:

We had two team meetings this week. Our first meeting was Tuesday 9-6, and we discussed team organization and possible workflows. We decided to meet each week on Thursday at 11:00am in the Senior Design lab and we decided to use Trello, Google Drive, GroupMe, and CyDrive for team organization and communication. During this meeting we also made a rough outline of the year; what goals we wanted to accomplish when and different stages of design and work. After the meeting we, individually, did some preliminary research on microcontrollers we could use for the project.

We had a second team meeting at our normal time, Thursday the 8th, in the Senior Design lab. We discussed what we found for possible microcontrollers and decided to research the Pi Compute Module and TI CC2540 in more detail for next week. A more detailed outline of our schedule was planned out, and we discussed possible team and project names.

Past Week accomplishments:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Accomplishments | Time worked | Cumulative Time |
| Kyle Fischer | Researched processors on own between tuesday and thursday meeting.  Researched third party SPI software on own after thursday meeting.  Setup CyDrive. | 2 | 2 |
| Michael Linthicum | Researched processors on own between tuesday and thursday meeting.  Set up Trello and Google Drive on own between Tuesday and Thursday meeting. | 2 | 2 |
| Daniel Shauger | Researched processors on own between tuesday and thursday meeting. | 2 | 2 |
| Sam Neff | Researched processors on own between tuesday and thursday meeting. | 1 | 1 |
| Nick Juelsgaard | Researched processors on own between tuesday and thursday meeting.  Secured storage space for team use between Tuesday and Thursday meeting. | 4.5 | 4.5 |

Pending Issues:

* Kyle Fischer
* Michael Linthicum
* Daniel Shauger
* Sam Neff
* Nick Juelsgaard

Comments and extended discussion

The team focused heavily on planning and organization this week.

Plan for coming week

* Kyle Fischer

Research in more detail the two processors identified during the team meeting.

Secure an Arduino Uno for SPI communication testing.

* Michael Linthicum

Research in more detail the two processors identified during the team meeting.

* Daniel Shauger

Research in more detail the two processors identified during the team meeting.

* Sam Neff

Research in more detail the two processors identified during the team meeting.

* Nick Juelsgaard

Research in more detail the two processors identified during the team meeting.

Summary of weekly advisor meeting:

N/A.