CPRE 492 -May20-04

CPRE 288 Embedded Systems Platform Movement and Code Optimization

Bi-Weekly Report 5

March 23 ~ April 2, 2020

Client: ISU 288 Dr. Jones and Rover. Matthew

Team Members:
Jacob Aspinall – Team communication leader
Geonhee Cho – Report manager
Issac Klein – Note taker
Jisoo Han – Team Git master
Sam Rai – Team web master
Nathan Nordling – Team data manager

Weekly Summary
Virtual meeting 2:00 PM - 3:00 PM Thursday, Mar 26th, 2020; met with team members and discussed about the team project plans. We are planning to meet up Dr. Jones on April 6.

Weekly Issues
Since Corona virus, we cannot access to the college, and just one member has the device to work with the project, some members who need to test the requirement, they have issues to continue with the project. Also, some members went back their home that we cannot meet and work the project together. Hope this will not continue it longer.

Past Week Accomplishments

Jacob Aspinall
- Finished IR sim/tests
- FInished UART tests
- Updated simulation schematic
- Receiving data over USB

Geonhee Cho
- Code review from lab 1 to lab 8 (Cannot check the code with Roomba)
- Make a readme at Continuous Integration
- Make documentation of Continuous integration
- Learned Electron to make GUI
- Write a report

Jisoo Han
- Review our design document and edit the team ppt for video record
- Review our design document
- Through the online meeting as team, decided and set up the files and directories should be added in our repository. Confirm the files and directories in each professor repo and student repo.
- Since we decidede to add some demo videos and readme file for each lab in repository, review the labs and datasheet to be better qualities for lab0 to lab 8

Sam Rai
- Reviewed all the project.
- Continue testing IR sensor.
- Working closely with team members

Issac Kleinsd
Could not get any feedback

Nathan Nordling
- Uart tests finished, began work on automating them with simulation environment

Individual contributions

Team Member	Contribution	Weekly H	Total H
Jacob Aspinall	IR, UART, Simulation platform, GUI	12	82
Geonhee Cho	To make readme file at team git repository, Start GUI, Code review, make documentation at continuous integration	9	58
Jisoo Han	Created submodule at repo and Wi-Fi problem.	7.5	55.5
Sam Rai	continue testing part for IR sensor	8	55
Issac Klein	Could not get any feedback	0	44
Nathan Nordling	The UART tests finished, learning electron to work on GUI	8	54

Jacob Aspinall

- Finish GUI so students can use our project to take 288 over the summer
- Finish documentation

Geonhee Cho

- Finish GUI work from Jacob
- Record each labs demo video
- Finish a documentation and prepare for final presentation

Jisoo Han

- Edit the git repositories after got some feedbacks from advisors in next online meeting.
- Help Geonhee to record the lab video

Sam Rai
- Finish testing part for IR sensor
- Make a documentation

Issac Klein
- Could not get any feedback

Nathan Nordling
- Work with professor for final deliverables, help with GUI, prepare final presentations

Summer of weekly adviser meeting

Around these two weeks, we had many troubles with doing projects. Since it is turn to online, it is hard to meet in person with group members. Also, hard to meet individual members time to work with online meeting to continue this project. Good news is our team is almost finished about goal of team requirements.