

EE/CprE/SE 491 WEEKLY REPORT 10

Nov 29th 2018 - Dec 5th 2018

Group number: 45

Project title: IoT environmental monitor

Client &/Advisor: Dr. Geiger

Team Members/Role:

Tyler Fritz – Software Developer,

Dong Xing – Hardware developer,

Ahmed Abuhjar – Hardware Developer,

Haoyue Ma – Hardware developer,

Yuanzhe Wang – Hardware Developer

o **Weekly Summary**

o **Past week accomplishments**

Tyler Fritz: The majority of the work we did was on the final presentation and the project plan and design doc. I did a little bit of work on the routing protocol but there wasn't enough time to make significant progress.

Ahmed Abuhjar: Last week was mostly dedicated to prepare for Final Presentation for this semester. Edited project plan and design documents, and brought together the slides for the presentation and got a feedback from Dr. Geiger.

Dong Xing: As the last week of this semester, I worked almost with all of my teammates with the final presentation paper slides creation jobs and practicing for it. Also, in order to get better with the design documents and plans, we worked together with doing these things.

Haoyue Ma: Debugged the code for data transmitting to the web server. Tried to solve the APN issues for the code testing. Prepared and practised the final presentation. Worked on all the documents like project plan and design document.

Yuanzhe Wang: Prepared for the final presentation. Discussed the details of the presentation with my teammates and practiced the presentation.

o **Pending issues**

We need to figure out the solution for solving the PIN and APN issues which is needed for the data transmitting from the gateway to the web server.

o **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Tyler Fritz	Worked for about 10 hours on the project plan and design documents. The rest was spent working with team for the final presentation.	15	79
Ahmed Abuhjar	Editing project plan and design documents. Prepared for final presentation	10	78
Haoyue Ma	Debugged the code for data transmitting to the web server. Practiced final presentation. Presented the final presentation. Worked on documents like project plan and design document.	10	64
Dong Xing	Worked with everyone else with practicing the final presentations and design plans & documents rework	16	65
Yuanzhe Wang	Revised the project plan and Design document. Prepare and Practiced the final presentation.	15	55

o **Plans for the upcoming week** *(Please describe duties for the upcoming week for each member. What is(are) the task(s)?, Who will contribute to it? Be as concise as possible.)*

- **Tyler Fritz:** Winter break! WOO! I'll work a little over break but not more than 20 hours.

- **Ahmed Abuhjar:** Final exam preparation and then heading to Cambridge MA
- **Haoyue Ma:** Solve the APN and PIN issues. Wrap up the code testing for data transmitting to the web server and clean lab.
- **Dong Xing:** Keep searching some other useful resources which talked during the final presentation question part by instructors in order to get better project performances.
- **Yuanzhe:** Try to manage and solve the pending issue. Make a detailed plan for the next semester.

o **Summary of weekly advisor meeting**

This is the last week of this semester, our group spent really the time in preparing for the final presentation and working on improving the design documents and plans. Since this is just a half work done so far, and we still have some errors which have not been fixed yet. We need to keep hard working on what the problems left in the next semester by following the suggestions which the instructors talked about with us during the presentation time.