EE/CprE/SE 491 Weekly Report 8   Group 18

4/13/19 - 4/19/19   IoT Elderly Care Solution

Client: Andrew Guillemette   **Advisor:** Daji Qiao

Team Members:

Jared Griffin:	Web App Engineer and GitLab Administrator	**Siyuan Zeng:**	Behavior Logic and Testing Engineer
Nidhi Dalvi:	Meeting Facilitator and Hardware Engineer	**Robert Guetzlaff:**	Hardware/Software Engineer
Tyler Borchert:	Hardware and Testing engineer		

Weekly Summary:

Our focus this week was on completing the second version of the project plan. We also put some effort into continuing to edit and improve our final presentation slide show. We were not able to complete more work this week due to midterm exams and project deadlines in other courses.

Past Week's Accomplishments:

Tyler:

- Worked on project plan V2
  - Doing edits and checking the flows of the paper
- Worked on Final presentation slides
  - Insert images to make the presentation more visual
- Continued research on wireless solution
  - Got feedback from both advisor and client
  - Client is learning towards a TI solution
    - May take a Independent study with Daji over the summer due to his experience with the device.

Robert: Worked on the project plan v2

Siyuan Zeng: Worked on the project plan v2, and final presentation slides. Continued on the server side work.
- Can get the toaster and microwave data out, now trying to fix the value type to make all the variables work together.

Nidhi: Worked on final project plan
Jared:
- Worked on project plan v2
    - Created a use case diagram
    - Updated the table of contents
- Began looking into UX tools and approaches

Pending Issues:
Nidhi: Researching best wireless solutions.
Siyuan: fix the value type to make all the variables work together.
Jared: Research how to create an effective UX mockup

Individual Contributions:

Member Name	Individual Contributions	Hours this Week	Cumulative Hours
Jared Griffin	Worked on project plan v2, began looking into UX tools and approaches	4	38
Siyuan Zeng	Worked on the project plan v2, and final presentation slides. Continued on the server side work.	5	46
Nidhi Dalvi	Worked on the project plan	4	20
Robert Guetzlaff	Worked on the project plan v2	4	41
Tyler Borchert	Worked on project plan and final presentation slides. Also continued research on wireless solutions.	5	38

Plans for the Upcoming Week:

Robert: Prepare for the final presentation
Nidhi : Prepare for final presentation and find out the best wireless solutions.
Siyuan Zeng: Prepare for the final presentation, get the server work done by next week, search for a better sensor solution on taobao.com.
Tyler: Prepare for final presentation mocks with advisor and client. Continue researching on wireless solutions to insure the best outcome
Jared: Prepare for the final presentation, research how to create an effective UX mockup and begin creating mockups for the web app.

Summary of Weekly Advisor/Client Meeting:

Client Meeting:
We did not have a meeting this week.

Advisor Meeting:
We discussed briefly what we did for the second version of the project plan. The majority of the meeting focused on Tyler and Nidhi's research on wireless sensor tags. Daji believes that the TI sensor tag we have been looking at is not sufficient for a commercial product, but Andrew believes that this will be sufficient since our project is still in the prototype phase. For next week, we will have the final presentation functionally complete and will go through a mock presentation to prepare for the final presentation.