

CprE/SE 491 Dec15-07 Week 5 (2/8/15 - 2/14/15) Report

Advisor: Srikanta Tirthapura

Client: Unity Point Health

Team Leader: Taylor Greiner

Team Holder: Thomas Snyder

Comm. Leader: Tommy Schwaderer

Comm. Leader: David Wielinski

Webmaster: Li Hang

Project Title: Healthcare Analytics

Weekly Summary

The main goal this week was to visit Unity Point Health and see their healthcare software demoed in person. This first hand experience was aimed to help us define 'boxes' encompass aspects of the project we hope to accomplish. Based on our experience at UPH we were then able to meet as a group and define three main segments of the project. The three main segments of our project will most likely be Data Aggregation, Data Visualization, and Data Analyzation.

Meeting Notes

2/10 Group Meeting at Unity Point Health

Duration: 2 Hours

Members Present: All

Purpose and Goals:

The purpose was to become more familiar with Unity Point Health as a company and better understand their healthcare software. This was so we could help define our project more accurately.

Achievements:

- Met several UPH employees
- Received wearables to use for health data
- Received ideas for project starting points

2/12 General Group Meeting

Duration: 1 Hour

Members Present: All

Purpose and Goals:

The purpose of this meeting was to use what we learned/observed on our UPH visit to define our project goals.

Achievements:

- Defined three main segments of the project

- Estimated a rough timeline for the project.

2/15 General Group Meeting

Duration: 30 Minutes

Members Present: All

Purpose and Goals:

The purpose of this meeting was finish up the weekly report and discuss actions that we will take this week in regards with the project plan.

Achievements:

- Schedule set for the rest of the week on when we are meeting
- Everyone gained a better idea of the project plan

Pending Issues

1. Three of us need Apple computers to develop with Healthkit
2. We need to determine how we will all work on the app concurrently

Plans for Next Week

T. Snyder: Create project plan first draft outline and assist in completing the document.

Watch Lynda video series on iOS and Apple Health.

T. Schwaderer: Watch the Lynda video series on iOS and Apple Health. Help write up the first project plan outline.

T. Greiner: Watch Lynda series on iOS and Healthkit. Work on the first outline of the project plan.

D. Wielinski: Watch Lynda video on Apple Health Kit. Help develop the first outline for the project plan.

L. Hang: Keep working on the website, upload more materials to the site and wiki.

Individual Contributions

T. Snyder: Started Lynda video series on iOS 8 (0.5 hr)

T. Schwaderer: Started watching the Lynda video series on Swift (0.5 hr)

T. Greiner: Watch first couple of lynda videos on iOS(1 hr)

D. Wielinski: Read up on Apple Health Kit. (1 hr)

L. Hang: Research on IOS platform and updating the website(1hr)

Total Contributions for the Project

T. Snyder: 3.5 hr

T. Schwaderer: 3 hr

T. Greiner: 5 hr

D. Wielinski: 4 hr

L. Hang: 5.5 hr
Total: 21 Hours