

CprE/SE 491 Dec15-07 Week 4 (2/1/15 - 2/7/15) 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 meet with employees of Unity Point Health. We were able to meet and acquaint ourselves with the UnityPoint Health employees along with our advisor, Srikanta. In this meeting we were able to express various ideas for the project and decide what steps should be taken. The plans to visit UPH as a group were also initiated.

Meeting Notes

2/2 Group Meeting with Dr. Tirthapura and Unity Point Health

Duration: 1 Hour

Members Present: All

Purpose and Goals:

Meet UPH employees we will be working with and understand their vision for this project. We also aimed to determine early steps they would like us to take.

Achievements:

- Met several UPH employees involved with the project
- Exchanged potential project ideas
- Formulated the idea of encompassing the project in three well-defined 'boxes'
- Set plans for our group to visit their facility to better understand their product

Pending Issues

1. Three of us need Apple computers to develop with Healthkit
2. Acquiring all of the required legal documents for the project

Plans for Next Week

T. Snyder: Visit UPH facility and help define the three project 'boxes'

T. Schwaderer: Visit the UPH facility and help figure out more of what exactly we want to do.

T. Greiner: Visit UPH and meet engineers to figure out the three phases of the project. Get a better understanding of what our client's operation.

D. Wielinski: Visit UnityPoint Health and research healthkit.

L. Hang: Visit UPH facility and keep building the website and wiki.

Individual Contributions

T. Snyder: Researched background info on MyChart EMR. (1 hr)

T. Schwaderer: Looked at a little of the healthkit sample code (0.5 hr)

T. Greiner: Research iOS healthkit and emergency medical records (2 hr)

D. Wielinski: Research healthkit. (1 hr)

L. Hang: Build the project website and wiki(2 hr)

Total Contributions for the Project

T. Snyder: 3 hr

T. Schwaderer: 2.5 hr

T. Greiner: 4 hr

D. Wielinski: 3 hr

L. Hang: 4.5 hr

Total: 17 Hours