

EE/CPRE/SE 492 WEEKLY REPORT 5

Date: 10/10/16

Group number: DEC1610

Project title: Continued Aggregation and Analysis of HealthCare Data

Client : UnityPoint Health, Des Moines, Iowa

Advisor: Mitra

Team Member	Role
Ben Kixmiller	Key Concept Holder
Haythem Ebrahim	Key Concept Holder
Cuong (Brian) Nguyen	Team Communications Leader
George Ndemi	Key Concept Holder
Jonathan Campbell	Team Webmaster
Aakash Sheth	Team Leader

(All the above information should be there in each weekly report)

✓ **Weekly Summary (Short summary about what you did this week)**

This week we are continuing working on the back end to connect to the server. We are also working on what we are going to show at the demo at Unity Point for October 24th.

Past week accomplishments (please describe as what was done, by whom, when)

❖ Aakash

- o Started oAuth process
 - Spoke with Kyle from UPH about help with this
 - FitBit developer settings configuration also took some time
- o Was able to create methods for calculating standard dev and avg for each of the metrics
- o I demo'd at the weekly meeting

- ❖ Ben
 - Met with Brian to get Garmin working to collect data.
 - Continued working on GET requests.
- ❖ Brian
 - Connect Garmin device to phone
 - Setup account for Garmin user
- ❖ George
 - Worked on Azure
- ❖ Haythem
 - Create SQL tables
 - Work with AWS
- ❖ Jonathan
 - Finished creating dao objects
 - Started on azure schemas in mock db

✓ **Pending issues (if applicable)**



✓ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS Cumulative Including Last semester</u>
Aakash	<ul style="list-style-type: none"> ● I picked up the task to fully implement OAuth <ul style="list-style-type: none"> ○ Got it to work 	3	83
Jonathan	<ul style="list-style-type: none"> ● Dao objects ● Azure schema 	3	59

Ben	<ul style="list-style-type: none"> ● Helped get Garmin working to collect data ● Working on get requests ● Attended meeting 	2	56
Haythem	<ul style="list-style-type: none"> ● Work with SQL servers ● AWS 	5	92
George	<ul style="list-style-type: none"> ● Worked on Azure 	4	84
Brian	<ul style="list-style-type: none"> ● Setup account for Garmin user ● Connect Garmin device to phone 	5	64

✓ Comments and extended discussion

✓ Plan for coming week (please describe as what, who, when)

❖ Aakash

- I didn't get as much done last week
- I need to finish making requests to FitBit
- Spent time looking at the API to see what endpoints would be useful
- I updated some of the changes to the iOS app and sent Wade screen shots
- Get people to use Trello

❖ Brian

- Research on security

❖ Ben

- Finish GET requests
- Meet with Jon to work on Spring Boot.

❖ George

- Continue working on Azure.

❖ Jonathan

- Connect spring api to provided azure db (uph)

❖ Haythem

- Contact other team member to get their output on modifying tables

✓ **Summary of weekly advisor meeting (if applicable/optional)**

None