EE/CPRE/SE 492 WEEKLY REPORT 3   Date: 9/26/16

Group number: DEC1610
Project title: Continued Aggregation and Analysis of HealthCare Data
Client :   UnityPoint Health, Des Moines, Iowa
Advisor: Simanta Mitra

Team Member	Role
Ben Kixmiller	Key Concept Holder
Haythem Ebrahem	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 past week we talked to our new advisor, Prof Mitra, about what we have been doing this semester and our plans after it. We decided to meet with him every 2 weeks. We have the Fitbit API working with a demo. We are currently working on Garmin and hope to have that implemented soon.

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

❖ Aakash
   o Created menu bar to house additional options
   o Applied styles based on UPH guidelines
   o Met with client and spoke about app direction
   o I demo'd all that I had done for the app

❖ Ben
  o Worked on Garmin
  o Contacted Garmin about a form to get the Wellness API
❖ Brian
  o Successful implement to get data from Fitbit
  o Implement OAuth 2 in Swift

❖ George
  o Worked on Garmin with Ben.
  o Working on Amazon DynamoDb

❖ Haythem
  o Worked with AWS.
  o Modified local database and commit the modification.
❖ Jonathan
  o Got started on spring
    ▪ Set up base rest api from demo

✓ **Pending issues (if applicable)**
  ❖
✓ **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS Cumulative Including Last semester
Aakash	● Communicated with client, and team ● Mostly helped others with iOS project setup and Git ● Setup a pull request system	8	73

	● Updated Trello ● Replaced many placeholder data with actual data from HealthKit.		
Jonathan	● Meeting ● Started Spring api	5	52
Ben	● Attended Advisor Meeting ● Worked on Garmin and sent request form to UPH	3	51
Haythem	● Worked with AWS ● realm	10	77
George	● Worked on Garmin ● Worked on Amazon DynamoDb	8	71
Brian	● Learn how OAuth 2 work ● Play with several OAuth libraries ● Implement function to access to Fitbit server	10	55

✓ **Comments and extended discussion**

❖ Aakash

▪ I didn't get everything done as I planned last week. The queries took a significant effort, that was unplanned

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

❖ Aakash

o Start looking into OAuth for FitBit auth with iOS

o Research graph libraries

o Update Trello

o Work on OAuth for FitBit

❖ Brian

o Create more utility functions to get different data Fibit

❖ Ben

o

❖ George

o Work on Garmin.

- o Work on DynamoDb
- ❖ Jonathan
  - o
- ❖ Haythem
  - o Work on Database on server

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

We met with Mr. Mitra last week. It was the first time that we have met with him this semester. He gave us advice on how to use our time for the rest of the semester. He said that he expects a demo of the new features for each time we meet with him. We plan to add some database changes for the next demo which is in 2 weeks. We added him to our trello board so he can stay up to date on what we're working on.