EE/CPRE/SE 492 WEEKLY REPORT 2   Date: 9/20/16

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

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 continued to work on the tasks that were assigned from the start of the semester.

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

❖ Aakash
   o I integrated the HealthKit manager into the app
      ▪ I can save and get user input health data like steps or weight
      ▪ I spent some time with displaying the data for a while because of a UI Threading issue
         ● Can't do work on the UI Thread
         ● Fixed the issue with dispatch()

  o I created the screens with rough wireframes and icons
    ▪ Applied template to all tab views
 ❖ Ben
  o Worked on implementing Charts in Swift.
 ❖ Brian
  o Set up Fitbit account
  o Play some function on Fitbit API

 ❖ George
  o Worked on Data analytics

 ❖ Haythem
  o Worked with realm in ios
 ❖ Jonathan
  o Set up azure database

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

NAME	Individual Contributions	Hours this week	HOURS Cumulative Including Last semester
Aakash	● Updated the Trello board ● Worked on iOS app, and design docs to share with client ● Communicated with client about current status ● Changed tab bar to side menu since there were	11	65

	too many options		
Jonathan	● Worked on setting up azure db	4	47
Ben	● Attended weekly meeting ● Continued to work on bar/line charts	2	48
Haythem	● Attended Advisor Meeting ● Finished local db implementation	10	67
George	● Attended Advisor meeting ● Worked on data analytics(SD, mean, min and max)	6	63
Brian	● Attended weekly meeting ● Setup Fitbit account ● Try some Fitbit API function ● Attend Advisor Meeting	4	45

✓ Comments and extended discussion

✓ Plan for coming week (please describe as what, who, when)
  ❖ Aakash
      o Continue development on iOS app
          ▪ Finish layout and start working on accessing Fitbit
          ▪ Get graphs into each view
          ▪ Replace placeholder's with actual data
          ▪ Create HealthKit queries for each metric
  ❖ Brian
      o Play more on Fitbit API
      o Research on OAuth 2 API
  ❖ Ben
      o Finish Charts
      o Help George with Garmin
  ❖ George
      o Work on Garmin

- o Finish working on data analytics.
- ❖ Jonathan
  - o Set up spring api base
- ❖ Haythem
  - o Continue finishing real implementation

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

None.