EE/CPRE/SE 492 WEEKLY REPORT 11   Date: 11/28/16

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

For the last two weeks, we have been working on finalizing our project and working on the poster. We are trying to combine the back end with our app to help complete our project. We are starting to work on the final report that is due next week.

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

❖ Aakash
- o I have several days worth of FitBit data from a registered user
- o I avoided duplicating saved data thanks to FitBit logs having unique keys
- o I was also able to experiment with various queries since we had data locally instead of having to get from FitBit

- o I added Graphs to the UI
  - ▪ Took a significant time to run simple map/reduce because of unfamiliarity.
- ❖ Ben
  - o Fixed azure e-mail error
  - o Fixed RealmSwift issues with current app.
  - o Work on Poster/Report
- ❖ Brian
  - o Converted some NodeJS code to PHP code, so that we can deploy immediately on common server

- ❖ George
  - o Created tables for use on the backend
  - o Tested Azure with the Swift IOS

- ❖ Haythem
  - o Work on fix some bug on realm code
- ❖ Jonathan
  - o Tested and fixed spring issues
  - o Finished poster

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

NAME	Individual Contributions	Hours this week	HOURS Cumulative Including Last semester

Aakash	● Designed, created, proofread, contributed, submitted final poster ● Working on the final report ● Final client meeting until presentation ● Documentation update	4	121
Jonathan	● Fixed spring issues ● Final poster submission ● Started on final report	5	89
Ben	● Fixed Realm Swift issues for current app ● Worked on Report/Poster ● Fixed e-mail error for azure database account	5	74
Haythem	● Realm bug ● meetings	2	109
George	● Created tables for the database ● Tested Azure with Swift	4	107
Brian	● Convert NodeJS code to PHP code	4	97

✓ **Comments and extended discussion**

✓ **Plan for coming week (please describe as what, who, when)**
- ❖ Aakash
    - o Finish up final report
    - o Confirm presentation day with client
- ❖ Brian
    - o Continue to convert NodeJS code to PHP code
- ❖ Ben
    - o Work on report
    - o Help with any further issues with backend that arise
- ❖ George
    - o Preparing the final report.
- ❖ Jonathan
    - o Final report preparation

- o Try to integrate spring with node app
- ❖ Haythem
  - o Prepare final report

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

None