

**EE/CPRE/SE 492 WEEKLY REPORT 9**

**Date: 11/7/16**

**Group number:** DEC1610

**Project title:** Continued Aggregation and Analysis of HealthCare Data

**Client :** UnityPoint Health, Des Moines, Iowa

**Advisor:** Prof. Mitra

<b>Team Member</b>	<b>Role</b>
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 finalizing what we are going to do for our presentation on Wednesday. We are continuing to work on the web site and adding an admin page to it. We are finishing up the back end to connect to the UPH server.

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

❖ Aakash

- I created middleware on the node server to verify requests were authenticated with web tokens
- I set up SSL
- Im working on setting up MongoDB in a local env to save any unique request

❖ Ben

- o Edited the get request code to work with the server.
- o Worked with Jon and George to get the backend done.

❖ Brian

- o Finish login , logout, create new user, verification function of admin page
- o Prepage presentation
- o Attend meeting

❖ George

- o Worked with Ben and Jon on the backend.

❖ Haythem

- o Presentation preparation Weekly meeting
- o Work with db

❖ Jonathan

- o Presentation and meeting
- o Finished set-up of database

✓ **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"> <li>• I created more views for measurements like calories and step badges</li> <li>• I configured Mongo so now any proxied request may be saved</li> </ul>	8	117

	<ul style="list-style-type: none"> <li>● I started experimenting with ChartJS for Angular and was able to create suitable graphs <ul style="list-style-type: none"> <li>○ Still need to configure the library in the app</li> </ul> </li> <li>● Worked on a script to automate fetching data <ul style="list-style-type: none"> <li>○ FitBit uniquely identifies logs, so deduping might be easy</li> </ul> </li> </ul>		
Jonathan	<ul style="list-style-type: none"> <li>● Helped with database setup</li> <li>● Configured Spring to connect</li> <li>● Updated dao objects/sql</li> </ul>	6	76
Ben	<ul style="list-style-type: none"> <li>● Edited the get request code to work with the server.</li> <li>● Worked with Jon and George to get the backend done.</li> </ul>	3	65
Haythem	<ul style="list-style-type: none"> <li>● Presentation preparation</li> <li>● UPH weekly meeting</li> </ul>	2	103
George	<ul style="list-style-type: none"> <li>● Worked on the backend with Ben and Jon</li> </ul>	3	99
Brian	<ul style="list-style-type: none"> <li>● Finish some function on admin page</li> <li>● Attend team meeting</li> <li>● Attend UPH weekly meeting</li> </ul>	8	89

### ✓ Comments and extended discussion

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

#### ❖ Aakash

- 
- 

#### ❖ Brian

- Implement security features for user authentication

#### ❖ Ben

- Work on part for 2nd presentation
- Finish the backend once we hear back from UPH about technology problems.

#### ❖ George

- Continue working on the backend.

❖ Jonathan

- Finish implementing spring end points
- 2nd presentation

❖ Haythem

- Presentation on Wed 11/9

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

None