

EE/CPRE/SE 492 WEEKLY REPORT 12

Date: 12/5/16

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 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 our project to demo on Friday. We are also working on the final presentation and final report that are due this 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

- Weekly Report
- Work on Final Presentation/Final Report
- Help with any issues with the back end

❖ Brian

- Continue to convert sever NodeJS code to PHP code
- Worked on final Presentation

❖ George

- Worked on the backend in readiness of the presentation
- Worked on the final presentation.

❖ Haythem

- Reports / presentation / meetings

❖ Jonathan

- Final presentation prep
 - Slides, group meeting
 - Double check spring end-points for demo
 - Data for demo

✓ **Pending issues (if applicable)**



✓ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this</u>	<u>HOURS</u>
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		<u>week</u>	<u>Cumulative Including Last semester</u>
Aakash	<ul style="list-style-type: none"> ● Edited, formatted, contributed to final document 	2	123
Jonathan	<ul style="list-style-type: none"> ● Final report/presentation ● Verified Spring demo 	3	92
Ben	<ul style="list-style-type: none"> ● Weekly Report ● Worked on Final Report/Presentation 	3	77
Haythem	<ul style="list-style-type: none"> ● Final report presentation ● 	2	111
George	<ul style="list-style-type: none"> ● Worked on the backend ● Final presentation preparation. 	3	110
Brian	<ul style="list-style-type: none"> ● Convert NodeJS code to PHP code ● Work on final presentation 	5	102

✓ Comments and extended discussion

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

❖ Aakash

- GRADUATION!!!!!!!!!!!!!!

❖ Brian

- Done with school

❖ Ben

- None available due to this being the last week

❖ George

-

❖ Jonathan

-

❖ Haythem

- Vacation.

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

None