Bi-weekly Team Report 5 - 11th December 2015

IBM1 - TEAM 10

- Jasmine Lu | Team leader
- Ivan Jasjko
- Darian Sastre-Stanescu

Our Client

- Mr. Tahir Khan
- Mrs. Sarah Frodsham
- Mr. Chris D'Arcy

Past meetings

- Tuesday 13th October 09:00 - 09:30 (conference call)
- Friday 23rd October 15.15-16.00 (meeting at UCL)
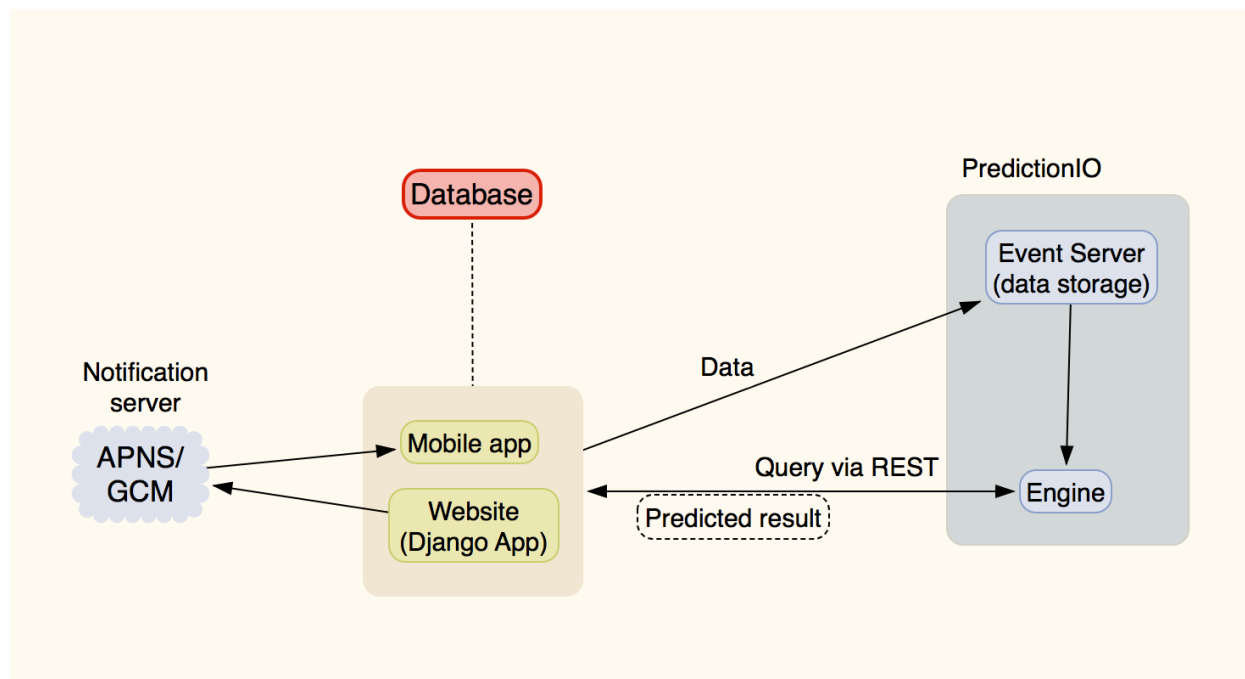- Friday 27th November 14.00-15.00 (meeting at UCL)

Project Progress

Since the last report, we have reviewed the requirements as discussed with the client. We have come up with a new list of requirements that outlines what the system will do from a user's perspective. The list includes functional and non-functional requirements, and use cases have also been created to further the understanding of how our system will work. These can be found on the project website.

Storyboards have been put together in the form of a flowchart and the basic UI layout of each page/part of the system can be seen. The storyboards have been put onto 'Prezi' to aid the representation of the flow. This can can be found on the website or through this link, http:// prezi.com/pdb9yrwoilbl/?utm_campaign=share&utm_medium=copy&rc=ex0share.

Following the client's requests, we have also created a system architecture diagram to show the different parts of the system that we will be developing in term 2 and how each part of the system is linked. The diagram is shown below:

Following research that was done previously, the tools for each part of the system has also been chosen. In brief, the mobile app will be an iOS native app and the web app will be using the Django framework. The database will be made using PostgreSQL, and we will be using PredictionIO for the Machine Learning part of the system. More information about this can be found on the website.

Website

The project website containing all the documentation can be found via this link: http://students.cs.ucl.ac.uk/2015/group10/. All the required documentation for Systems Engineering I has been uploaded, including a video presentation about the project this term.

Project Plan - Term 1 (Systems Engineering 1)

Date	Phase	Tasks	Complete?
1 - 5 October	High-level requirements	Meet client and gather initial requirements	✓
12 October - 1 November	Define Project plan depending on the decided requirements, research	Build client relationship, continue working on requirements and research; Upload documentation website and blog Research frameworks and and design patterns to use; set up version control	✓
1 - 23 November	Research, Website launch	Continue with research, have a clear idea of requirements, set up website and integrate documentation	✓
23 November - 11th December	Finalise requirements	Complete Requirements gathering and have all stages of requirements well documented. UI mockups, testing strategy in place for term 2.	✓

Gantt Chart - Term 2

A gantt chart for term 2 has been put together so that we can stay on track whilst in the development stage of the project. The gantt chart can be found through this link: https://docs.google.com/spreadsheets/d/12yojvqDIehUQ_Dm0VAoQWQbA0GjwH5eB301VRwNrR1c/edit#gid=1688732048. You can view a different week of the project by changing the 'Display Week' value to the required week.

Term 1 Summary

Here is a table to outline the tasks that we completed and who lead each task throughout the course of term 1:

Task	Lead	Complete?
Client Liaison	Jasmine	✓
Brainstorming	All	✓
Project Management (Planning)	Ivan	✓
Technical Research	Darian	✓
Website	Jasmine	✓
Requirements and Use Casess	Ivan	✓
Storyboard and System Architecture	Darian	✓
Testing Strategy	Darian	✓
Video	Jasmine	✓

Video Presentation

The video presentation, which is part of the deliverables for this term can be found through this link: https://youtu.be/SnOoCpJPOg0.