

Bi Weekly Report 8
COMP204P - Systems Engineering
Group 31

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Nuffield Health & Microsoft Project

Overview of progress

13 February 2017:

The team met in the Printroom Cafe. Basic authentication system was presented. Further expansions of the system were agreed upon to be completed by the end of next day including full integration with the dashboard and expansion of the user model to include user data independent of the strategy they use to log in. Implementation of the actual dashboard with the login page was also discussed to be done.

15 February 2017:

All three of us met Alex Matei during reading week. He examined our login functionality and login page. We'd implemented the Facebook graph API to let him login using his account and use his data. We discussed the issue of account duplicates. An option we considered is to use facebook as a provider for identity while asking the user to provide a password for their account. Another option would be to have a duplicate checker embedded in the service. We provided Alex with an update on Diana's work and identified the pieces of work we could include in an implementation of her work.

17 February 2017:

The meeting took place in Microsoft's London office in Paddington. Our team presented the demo of our application which consisted of connecting through facebook authorization as well showcasing the design and the features of the dashboard designed for Nuffield Health Hospital. Additionally, our sister team was also presented in the meeting and we discussed about the integration of our applications such as booking a gym class through skype which would lead to authentication within our system using an Skype API. We also discussed about some security implementations which we would need to implement in the next sprint.

Furthermore, we were updated on some of Microsoft products and opportunities that they were also researching which linked to our project.

Overall Evaluation of Sprint:

- Successfully implemented secure authentication using Passport.js
- Successfully implemented the user's profile page
- Successfully updated the current design of the homepage and other pages of the dashboard

- Successfully created a basic version of restful API for the skype chat bot to access user data

20-26 February 2017: Scenario week - no meetings or work took place

Individual section

Marc de Fontenay :

In our second sprint (during Reading Week), I managed to implement social identity login and session management with the help of my team. This was a goal that had to be achieved for us to be able to authenticate and pull data from Facebook. In addition to using the login functionality, I used the Facebook Graph API to retrieve the active user's Name, Profile picture and other information and use it in our Nuffield profile page. I also designed and built the login page, integrating a fitting youtube video in the background. The end of reading week was marked by our visit to the Microsoft offices in Paddington to report to Paul Thomas. We provided him with an overview of the progress made using a demo.

Mo Afsharmoqaddam:

Fully implemented the facebook authentication using passport.js where a user can login through their facebook account and integrated the login page with our new dashboard design. Local login and signup was also implemented if a user does not have a facebook account. Pair programmed with Jas to implement the user profile where a user is able to edit and change their personal data as well choosing which subscriber they would like to share their data with. The facebook data as well as the user profile data is saved directly to our documentDB database which can be accessed later through different API's which we plan to create.

Jas Semrl:

Attended all meetings to report on progress and discuss the future steps. Discussed plans for integration with Skype bot developed by the other team. Helped migrating the prototype authentication from local MongoDB in the prototype to DocumentDB. Helped with the integration of login system with the dashboard. Contributed to implementation of the user page on the dashboard. Presented the prototype basic version restful API for integration with the other team.

Plan for the next two weeks:

- Complete integration with the other team
- Prepare backlog for the next sprint
- Discuss the future improvements of the system with the clients