<p style="text-align:center"><u>TEAM 36:</u> <u>UCLH PEACH and Microsoft - Cancer Team</u></p>

<p style="text-align:center"><u>Date:</u> <u>16.12.2016</u></p>

<p style="text-align:center"><u>Team Members:</u> <u>Ovidiu-Horatiu Ilie, Georgiana Birjovanu, Berat Baran Cevik</u></p>

Project Overview

In the past two weeks, we finalised our experiments and our research. Moreover, we formed a clear idea of how our system should look/behave and how we should implement it. It is clear now what we have to do next, what the client expects and how long we should focus on the incoming phases within the development of the project. We included everything we found within our presentation website so that the others can clearly see what we have in mind.

We also developed a prototype to show how our product should work. It lets people see how the components interact and how easy it is to use them in a final product. The prototype was also added to our website and, later on, we updated all the information on the website to make it clear enough to everyone reading.

We also set new priorities with the client for what deliverables should be provided next. Right now, we should focus on planning how to manage the Christmas break in order to make the most out of it and to actually start implementing the system, while also keeping in touch with the teams related to us in the project.

Meetings summary

Meeting #1, <u>Cruciform Building</u>, <u>7th December 2016</u>

Description: We have started to create a viable prototype for our components. The aim of the meeting has been to decide the structure of our prototype and how will the main components be presented.

Meeting #2, <u>MPEB 4.06</u>, <u>9th December 2016</u>

Description: During our lab session we have focused on our prototype development. We have presented our current work to our client and recorded his feedback for further improvements. Moreover, we have updated our website by adding the last experiments and captures of the different technologies implemented by us.

Meeting #3, <u>Skype Call</u>, <u>10th December 2016</u>

Description: During the weekend, we have had multiple Skype calls in order to carry out the tasks for our next deadline. We have agreed on updating our prototypes, writing various reports about the research conducted for each component and finalising our website.

Meeting #4, <u>Cruciform Building</u>, <u>12th December 2016</u>

Description: Our meeting has focused on checking the last version of our website by testing the prototype section which was added during the weekend. We have also started to write our bi-weekly report as a team.

Meeting #5, MPEB 4.06, 16th December 2016

Description: We have attended this term's last lab session. During the lab session we presented our last website version to our TA. Moreover, we have discussed about our prototype implementations and planned what are our next steps related to the development of our three main components.

Tasks completed and project progress

- Finished the prototype which includes all three parts that our team develops
- Updated our team's website with an experiment log
- Found out how to connect Apache Shiro to Azure Active Directory
- Completed the basics of the collaborative document editing tool so that it can be used in the prototype.
- Rocket.chat's code explored more in depth.
- **The project is running on time**

Problems to be resolved

- Collaborate with the UI team and see how login can be integrated with the front-end
- Find a way to create a submit button which stores the input of the collaborative text component in a DV_PARSABLE data type field in openEHR
- Find a way to deploy Rocket.chat with customised features.

Plan for the next two weeks

Until our next meeting we plan to start working on the implementation of our components, by following the prototypes we have build so far. As we have decided on the main technologies that are gonna be used, we have to start analysing the other requirements mentioned in the MoSCoW analysis so we can deliver a fully functional product. Moreover, we plan to keep in touch with the other teams, so we can take into account how multiple bits of our components will join together at the end of the project.

Individual contribution

Ovidiu-Horatiu Ilie

In the past two weeks, I researched more about how an authentication framework can be implemented with Azure Active Directory. As I was thinking, Apache Shiro remained the top solution from everything researched so far and it was also what the client preferred us to use. I saw what great support Shiro has for Active Directory, while also discussing more with the client and one MSc student about how to connect the two and how the overall system should look. I also managed to discuss with other teams within the PEACH project, I formed a clear view of how to implement the system and I also updated the presentation website before uploading it for marking.

Georgiana Birjovanu

In the last two weeks I have been working on updating our team's website by adding the experiments log. Moreover, I have started to implement a feasible prototype, which also represents a good start for the future component, by using Firepad. I have also written a report about research conducted so far by me for the collaborative text editing component. Finally, I have integrated my prototype into our team's page, while also improving most of our website's pages, based on the feedback given by our TA.

Berat Baran Cevik

In the past two weeks, I kept discovering open source chat platform Rocket.chat's code. I have made good progress in terms of understanding code pieces, files and the project structure. However, due to the amount and high level of complexity of the code, I still need to work on exploring the code over the Christmas break. I started learning CoffeeScript since it is widely used in Rocket.chat. I also attended meetings with our team to finalise the tasks that we needed to do for the first term and planning the tasks for the Christmas break and the second term. Over the Christmas break I will complete discovering the Rocket.chat's code and learn CoffeeScript as much as I can so that I can properly start coding the app in the second term.