

Bi-Weekly Report: NeuroResponse

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Overview

Past two weeks were mainly focused on finishing the development of API and start to integrate with apps. The Android app is entirely done and the iOS app is getting close to the finish, with function achieving and began the preparation of sending data to the API.

The prototype for complementary clinician portal is created. For the coming two weeks, we will continue to work on the integration between API and REST Clients.

We carried out a meeting within the group for the integration of apps and data transmission details.

Meetings

2nd of February 2018

In this group meeting, we discussed issues relating to API and Clients. This includes how post request will be sent to the API through different URLs, how to store response from the API for further uses, and how to display the response in the Client side properly and securely.

7th of February 2018

Meeting with Delmiro to update him with the current progress of the app. Also, Delmiro proposed that at the beginning, let's discard the option to deploy the app in NHS approved servers (the one at UCL) to first test locally with a reduced amount of users (for example ourselves).

Achievements

1. Function development fully finished for Android.
2. Finished development of API and back-end.
3. Started integration between front-end and server.
4. Started development of iOS app.

Problems to solve

1. Think about security of the data transmission and storage.
2. Fixing minor bugs with UI and possible bugs coming with the backend integration.
3. Test the backend and its integration with front-end.
- 4.

Our plan for the next 2 weeks

1. Have iOS and Android clients done for testing.
2. Have the complementary clinician portal done for testing.
3. Test the backend and its integration with iOS and Android apps

Individual Reports

Sanzhar Aitimov

Miquel Rigo

I've started implementing the iOS app server. I'm using Swift and frameworks such as Alamofire and Locksmith. The first one is to handle all the HTTP networking requests and the second one is to access the iOS keychain in order to store there the user token.

For now, although I have managed to authenticate the user, I'm just storing the data locally. The next task to do is to retrieve data from the API, post the stored patient's symptoms and side effects checks to the API.

Elvinia Cui

During the past two weeks, I was constructing the prototype for the REST Client web front-end. The post requests will be sent to the API using PHP. Now the web page can successfully send user's account number and password to the server and receive the token for the user as a response. The token will be stored while heading the user to the register new patient page where the token will then be used again.