

Bi-Weekly Report: NeuroResponse

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Overview

Past two weeks were mainly focused on the integration of clients and server. After two weeks of work, the iOS app can now login, post symptoms and side effects to the server, the clinicians' portal can login and register new patients, and the Android app is still under construction. For the coming two weeks, we will work on finishing the Client side development, testing the whole system and start report editing.

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

Meetings

16th of February 2017

This group meeting is still focusing on how to make the apps and the server work together, securely and conveniently. Since the iOS app can now integrate with the API successfully, it is used as a reference for the Android app. Also, a bug is found when trying to login using the complementary clinician portal.

Achievements

1. Finished iOS front-end integration with server
2. Finished web front-end integration with server
3. Android now get token from the server.
4. Tested the different components of our system with different testing strategies.

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. Fixing the login bug of the complementary clinician portal.

Our plan for the next 2 weeks

1. Have Android app integration with the server finished for testing.
2. Have web front-end bug fixed for testing.

Individual Reports

Sanzhar Aitimov

Miquel Rigo

The iOS now is fully functional and integrated with the server. The patient authenticates and since we know the drug he's on, it offers a curated/tailored list of questionnaires. The patient can also post symptoms.

Requested by Dr Yun, we have implemented also a search bar, so the patients can search for symptoms. We have also redesigned the whole iOS app, now it's cleaner, more Apple-style and more cohesive. Now, in the history view, patients can see a graph of the latest symptoms recorded.

Apart from developing the iOS app I've implemented a few testing strategies, such as unit and integration testing for iOS and the server, and load testing for the latter with *locust.io*.

Elvinia Cui

Wrote PHP scripts to get authorisation token, post new patient's registration to the server. Created CSS file for the web prototype. However, found a bug when the clinician was trying to login with a wrong username or password. For the next two weeks, work will be focused on fixing the bug and adjusting the display format of the response from the server on the web page.