Atos Mentor Matching
Biweekly Report 9, 24th of March 2017
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Overview

Over the last two weeks, we have made significant progress on both the frontend and backend. The backend API has been updated to allow easier tag management, as well as operations for cohorts (create, read, update, destroy), and an endpoint that allows users to register for a programme's cohort.

The webapp now performs checks whether the currently logged in user is an admin. Admin features were also implemented for example creation of mentor programs and also cohort creation of each program. Admins are now able to manage their desired programs and cohorts by controlling the cohort size, and also start date,end date and match date of the cohort. In addition, users could now modify their profile, include uploading pictures and change their bio.

Meetings To Date

- **Team Meeting (2017/03/22)**: During this meeting, we worked on fixing API integration issues, as well as receive feedback on our website from Yun Fu.

Completed Tasks

Since the previous report these are the tasks that have been completed to date:

- Implemented the Cohort model and created the /cohort/ and /cohort/cohortId/ API endpoints

- Fixed some security issues, including object IDs being modifiable and cohort objects not patching properly

- Allow cohorts to be set with defaultCohortSize

- Allow tags to be created and fetched using strings

- Add /cohort/cohortId/register endpoint, allowing users to register for a programme cohort.

- Implemented user settings so that users can edit their profile.

- Implemented program creation for admins.

- Implemented program editing and cohort management for admins.

- Implemented image uploading in the front end side.

Chris' Progerss

have been continuing my work on the user interface and design of the webapp. For these two weeks, I have also implemented the user settings feature which allows users to modify their profile. Besides that, I have also implemented the checks for admin privileges, which means that admin privileges are granted only if the user is logged in as an admin. I have also worked on the UI of the cohort

management page by listing out the cohort in a neat manner which is easy to read and manage. Finally, I have also been working on documentation by updating the project website.

Harry's Progress

Last two weeks I worked on implementing functionalities of front-end side. After Matt updated backend API, I achieved operations for cohorts and programs (creating, modify, delete by admin). And I also take a research of cordova camera API, achieve the image uploading function inside our app.

Matt's Progress

I have been working hard on the API, making sure that it has a good coverage of tests, making sure that features are implemented according to the API spec and web standards, as well as ensuring that the test server does not crash when updating. Cohort endpoints are now implemented, as well as the cohort registration endpoint, meaning that users can now enrol themselves on mentorship programmes.

Plan For The Next Two Weeks

- Implement /programme/id/cohorts/active endpoint, that returns the current "active" cohort for a programme.

- Implement basic matching algorithm, that is run on a cohort.

- Implement match serializer and endpoint.

- Design constraint system for matching and registering for programmes.

- Work on cohort registration on client side

Keeping Up With The Project

To complement these biweekly reports, you can also view these pages:

Project site: http://students.cs.ucl.ac.uk/2016/group19/

Code repository: https://github.com/mbellgb/syseng19-code

Documentation: https://github.com/mbellgb/syseng19-docs