Mobile Application Final Individual Project

Mark Zoiku

Ashesi University

**Implementation**

High level overview

To use mobile application, users can either create JobsRUS account or sign in with either a Facebook or Google account.

On sign in, the user is directed to the home dashboard where they are able to view latest job vacancies. Also on the dashboard, users can view the number of posted jobs that they have.

On the navigation tab, users can press on the Listings icon to be directed to the Listings Categories Page. On this page, the users can either select any job category to view the list of available jobs or press on the create icon to create a job listing post.(NB, users who sign in with third party apps would be required to create a JobsRUS account to create job listing posts). Upon posting, another API call is made to the API to update the list of all available jobs.

The user is directed to the MyJobs page where they can find all their listed jobs. On this page a user can delete their job vacancy if need be.

Also on the navigation bar, the user can select the user profile to view the conventional details about the user, name, email, and telephone.

The user can then sign out, upon which the session is ended.

Tools

1. Node JS: For creating REST API
2. Express JS: For creating and managing REST API endpoints
3. MySQL and MySQL workbench: Managing database
4. Heroku: Hosting API
5. Firebase: User sign up, login and session management

Programming Languages

1. Javascript

Frameworks

1. Angular
2. Ionic

Services/Providers

1. HTTP Client: To make API calls
2. SMS plugin: For sending SMS
3. Splash screen