Project Management

**Project Timelines, Members, Task Responsibility**

**Work completed**

**Description**

* Initially we set up the AWS MySQL DB for storing the user details such as the ones that the user gives when he fills out registration form, the pictures of the user in different positions which are taken as the user is made to walk through the wizard which takes his pictures. However, we came to know about the firebase database which seemed more promising and interesting especially for the ease with which it can store and retrieve images. Now we successfully integrated the firebase database to our project.
* The basic Login page has been created where the user can provide his credentials to login to the app.
* The users who already registered can login to the app. The ones who did not have the option to register. This functionality is yet to be integrated in the login page.
* The registration page has also been created where the user gives more details and completes registration.
* Firebase has been integrated with both registration page. Sample inputs have been given and the data was successfully stored and retrieved form the database.
* The home page was created. Google maps API has been used and the user is provided with the google maps interface as soon as they login to the home page. Currently it shows the user location on the maps.
* We prefer android instead of ionic as the potential application of the app is less likely to be on web as taking pictures in different positions using a webcam is unlikely to occur. Even if someone takes the pictures through mobile, uploading them through web does not make sense when they are using mobile to take pictures. Hence we limited our application to a mobile based one due to which we found ionic to be superfluous.

**Responsibility**

* The responsibilities of tasks were evenly distributed among all of us. Most of the time we worked together on the code and one of us did the commits arbitrarily
* However, in order to break down the tasks, login page and home page integration with the google maps API were assigned to Wayne
* Registration and firebase integration were assigned to Naren.
* Karthik and Wei are working on camera wizard and user interface which will be added in the following increments. The documentation work is also being taken care of by them

**Contributions**

* Wayne did login page and home page integration with the google maps API
* Registration and firebase integration were assigned to Naren
* Karthik did documentation is working on the pictures wizard.
* Wei did the documentation and is working on UI

**Time taken**

Approximately 300 hours

**Work to be completed**

**Description**

* The radius specification on google maps in order to retrieve the names of the orthodontists in that radius around the user has to be incorporated
* The wizard that walks the user through various steps in which they take pictures is to be done
* Storing the user information and sending to the doctor they choose through email
* Storing the images Making calls and retrieving images from the firebase
* Making calls and retrieving user info other than images

**Responsibility**

* Wayne will work on the maps and backend part
* Naren will work on the orthodontists and user information storage and validations
* Karthik will work on the pictures wizard
* Wei will work on the UI

**Time to be taken**

Approximately 400 hrs.

Burndown Chart



