**TIMEKEEPER**

**Project Plan**

**&**

**Increment-1**

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**Team – 3**

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**1. Introduction**

**TimeKeeper:**

In the present world, Health and Time are the two most important aspects in everyone’s life. So, this application comes with a reminder and alarm for different types of purposes which will be explained in the further proceedings.

**2. Project Goal and Objectives (Revised)**

**2.1 Overall Goal**

The main goal of this application is to keep the person up to date with the things that he/she needs to do on a specific date and on a specific time and to make him/her punctual at their work and things that need to be done.

**2.2 Specific Objectives**

2.2.1 Notifying the users about the things such as Assignments, Taking Medicines, Shopping.

2.2.2 Waking the user using an alarm

2.2.3 Notifying the users about the destination through an alarm

**2.3 Specific Features**

2.3.1 The Application uses Voice to remind the things that need to be done.

2.3.2 The Application uses the Google Maps API to notify the destination and the things nearby in the path of your travel.

2.3.3 The Application uses various types of games to wake up the user.

**2.4 Significance**

The Application provides a combination of reminder, wake up alarm and Destination alarm for the user without using different applications.

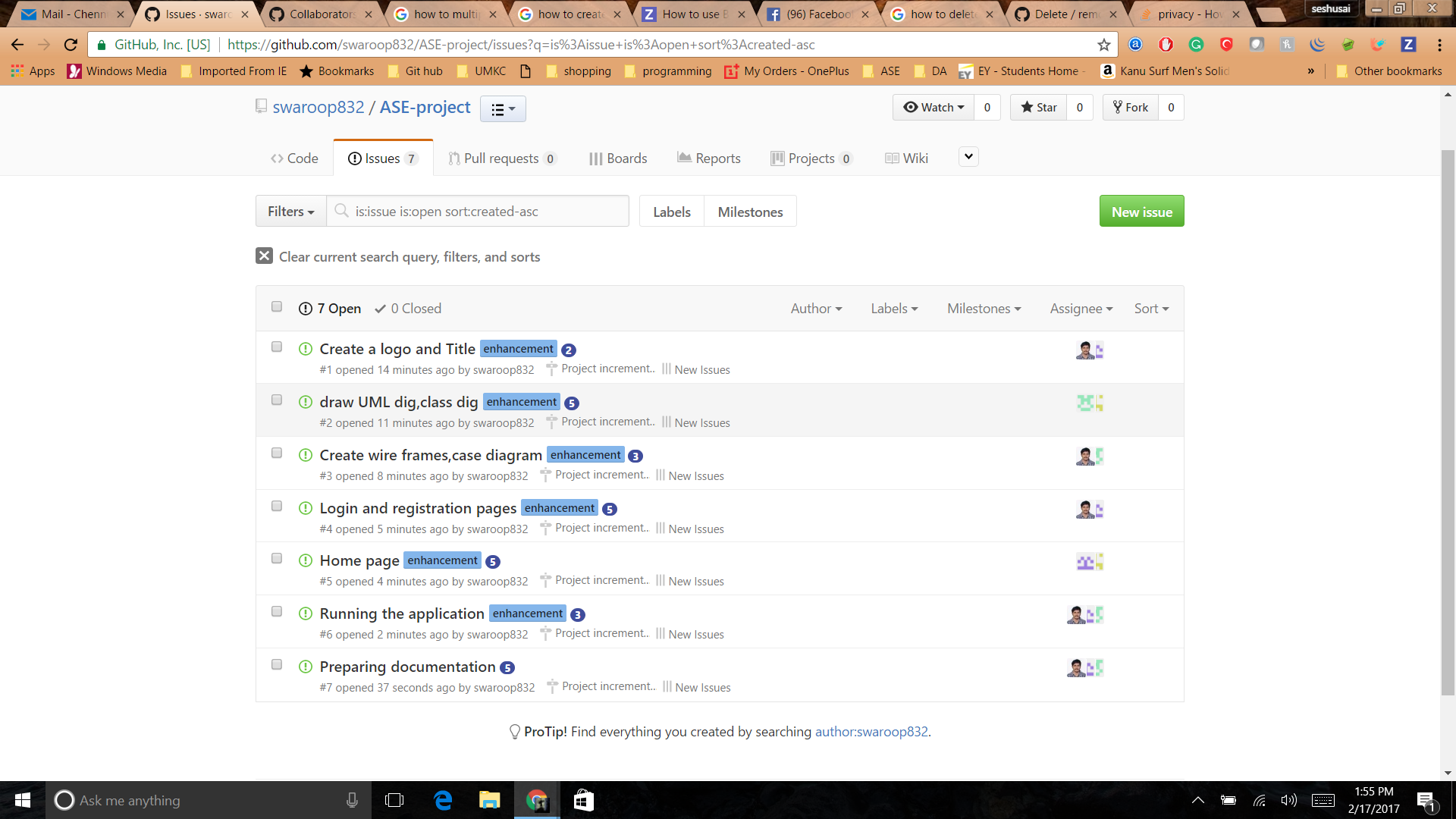
**3. Project Plan**

**Zen-Hub Screenshot:**

**Issues:**

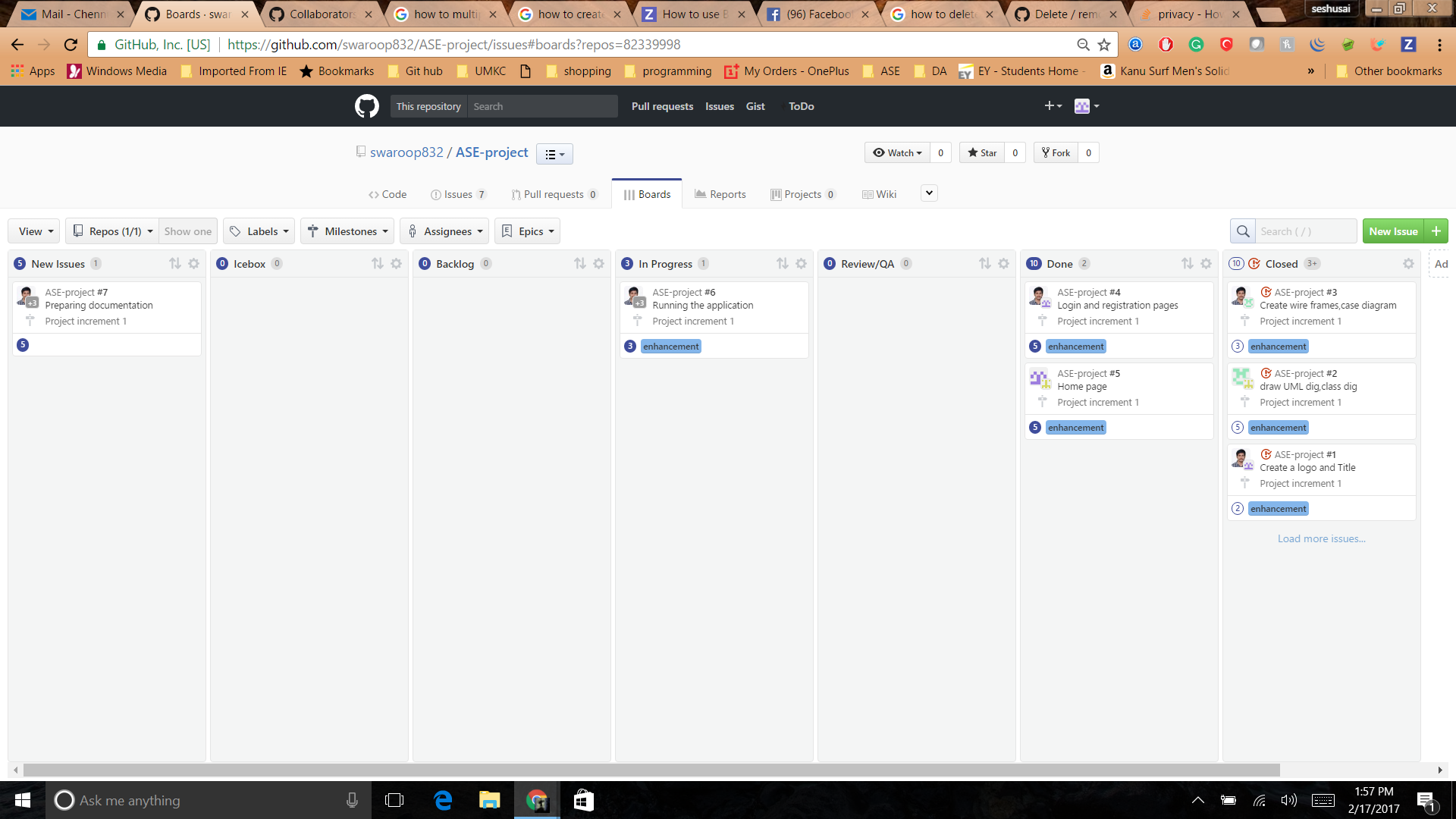
We had the issues regarding

Creating Logo & Title, Designing UML and Class Diagrams, Designing Wireframe Diagrams, Login and Registration Pages, Home Page, Running the Application in Mobile, Preparing Documentation.

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**Project Timeline, Members, Task Performed**

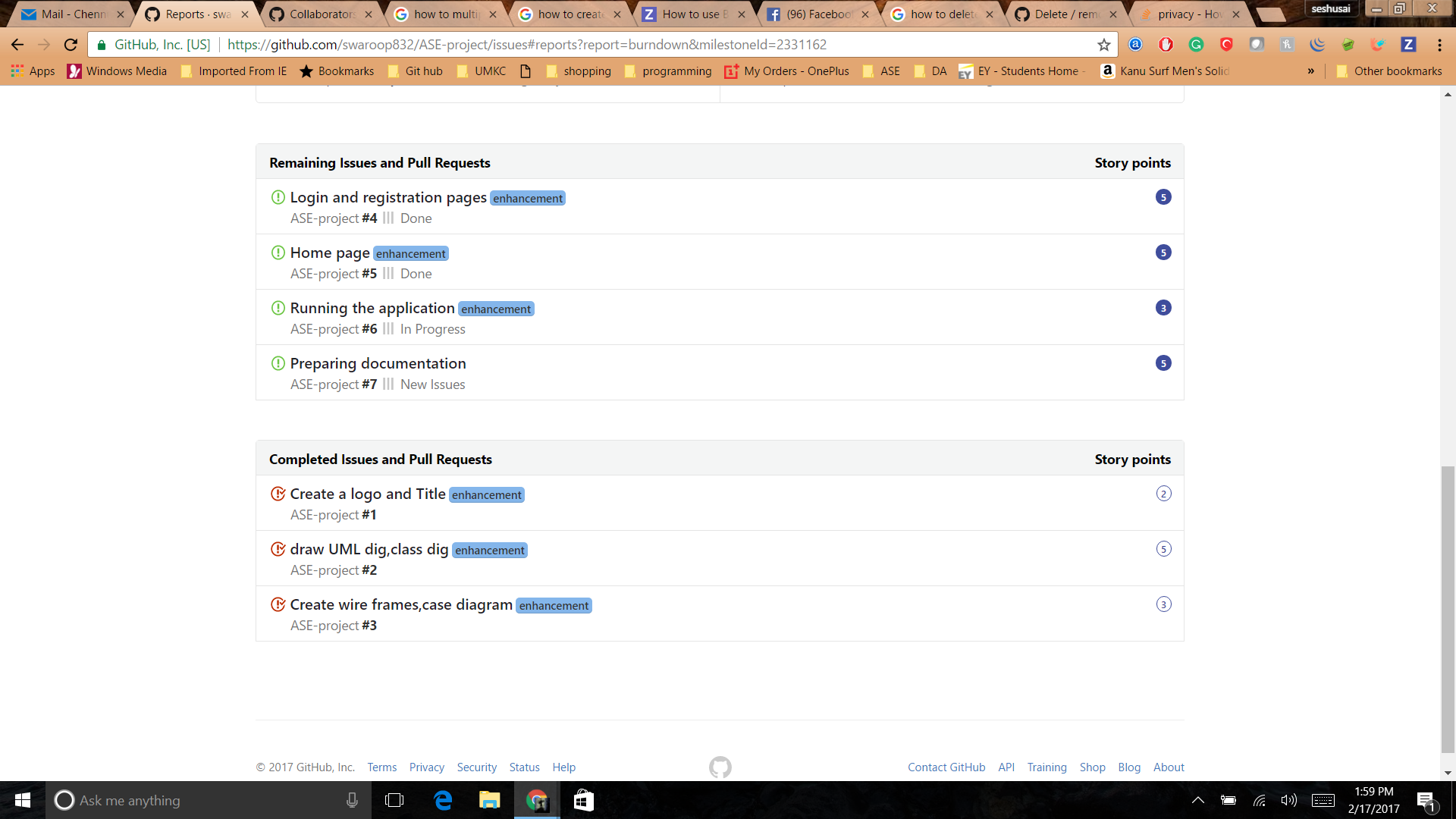
The below screenshot gives an idea regarding the issues and state of the issues.

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**Burn-Down Chart:**

The Burn-Down chart is created for the issues that we faced.

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**4.First Increment Report**

**4.1 Existing Services/REST API**

**4.1.1 API’s Used**

**4.1.1.1 Facebook Login API:**

We have integrated Facebook login API to our application. API’s to be used

We will be using the below mentioned API’s in the next increments to implement the dynamic search for technologies.

• Google Maps API

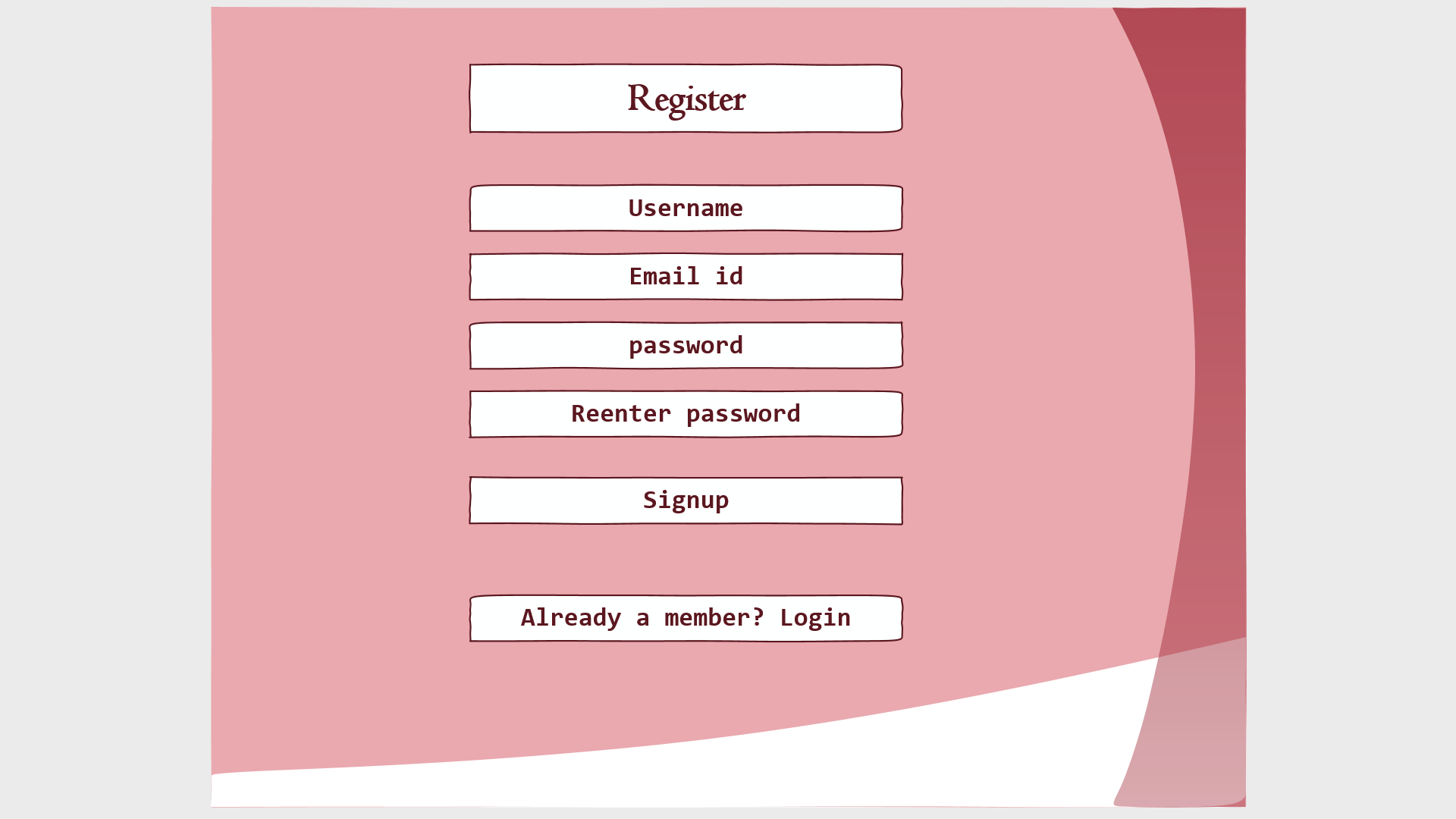
**4.2 Detail Design of Features:**

**4.2.1. Wireframes**

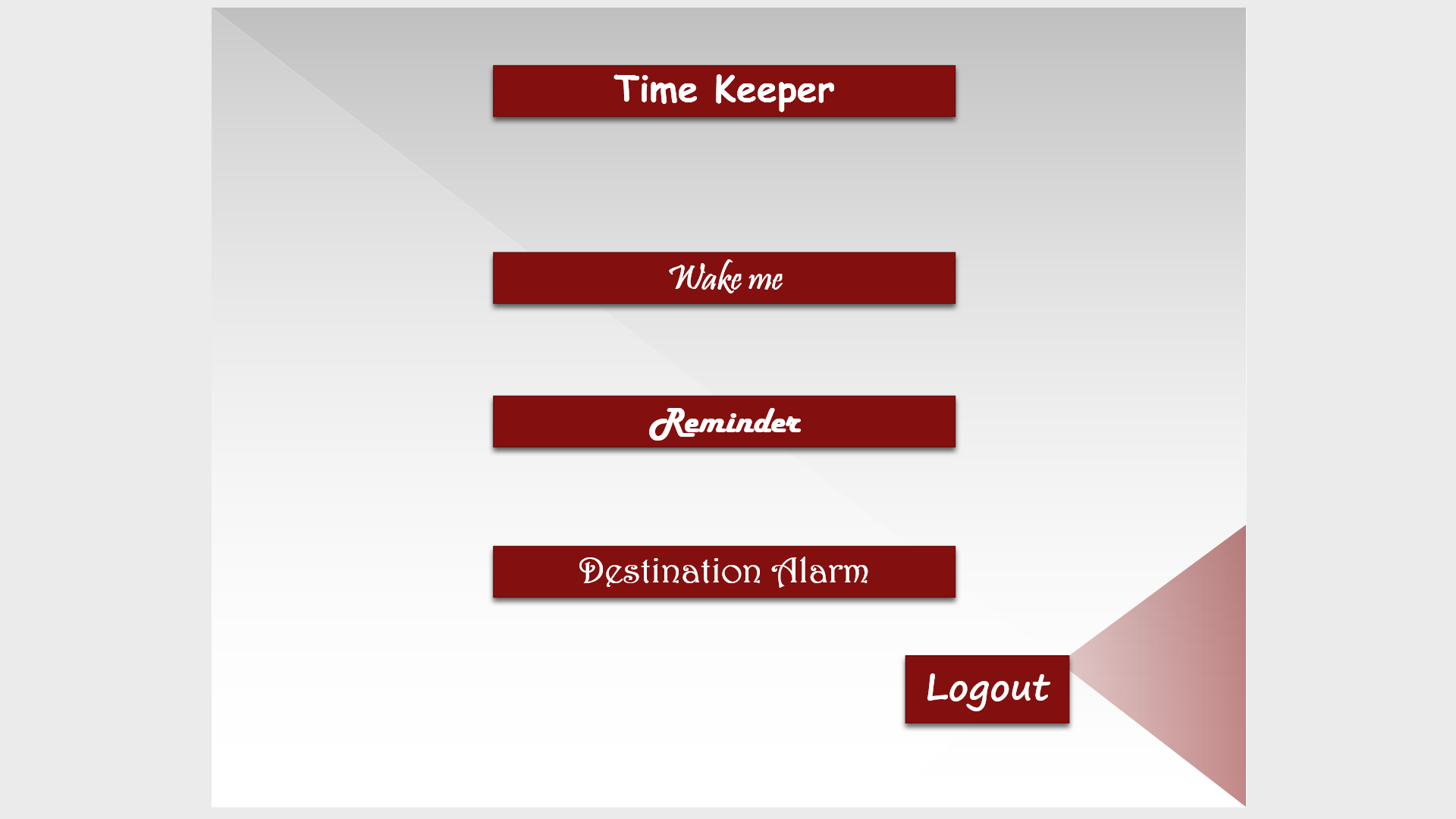
**Login Page:**



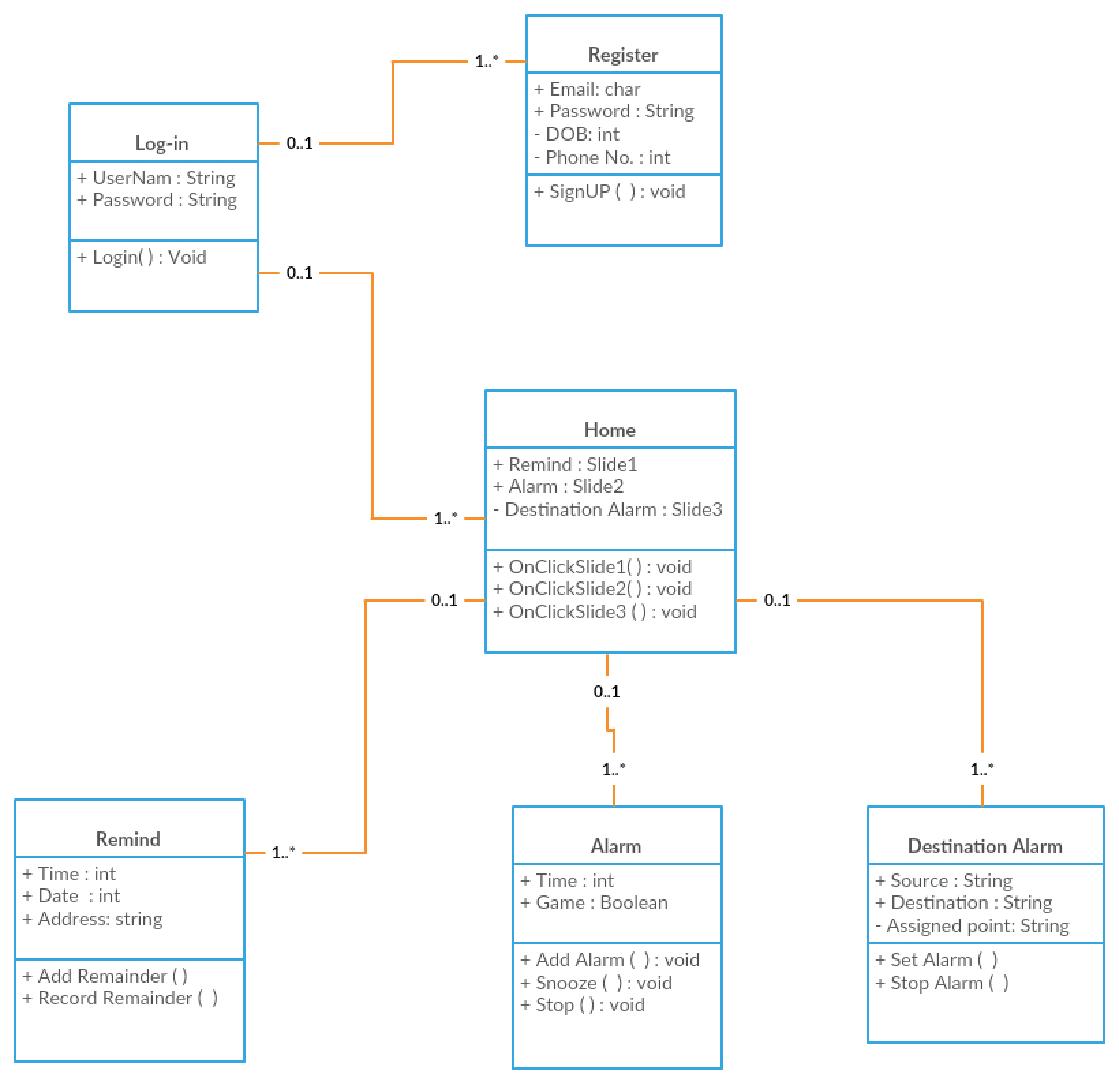
**Register Page:**

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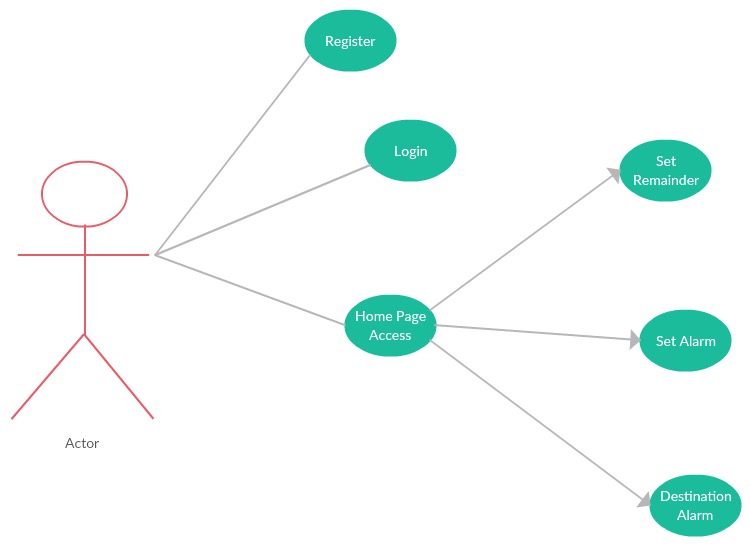
**Home Page:**

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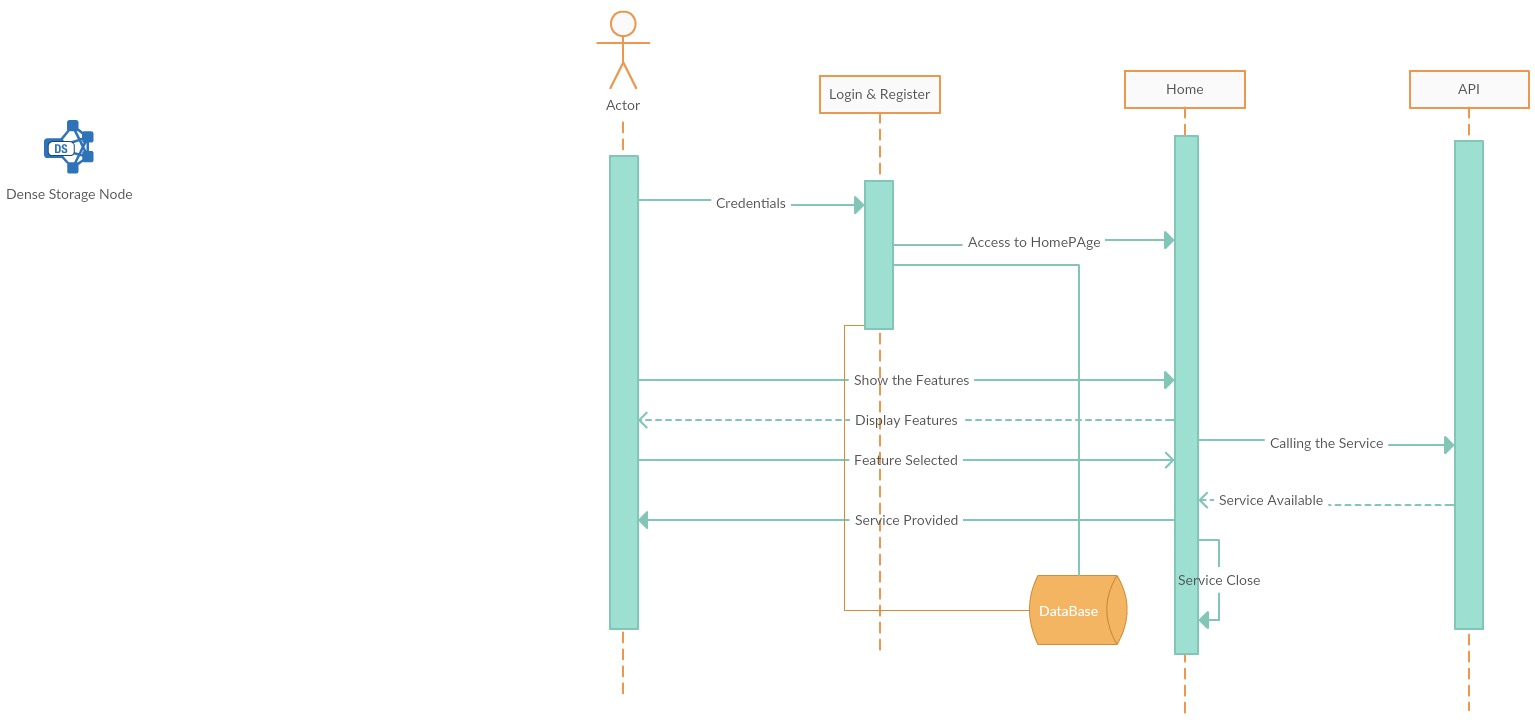
**Class Diagram:**



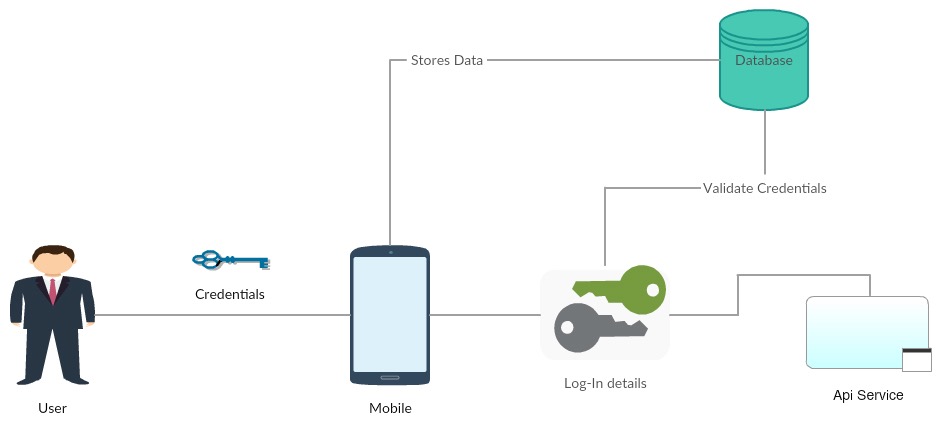
**Use Case Diagram:**

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**Sequence Diagram:**

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**Architecture Diagram:**

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**User Stories:**

|  |  |  |
| --- | --- | --- |
| **I am a** | **My Purpose.** | **Benefit** |
| **User.** | **Remind**  Set Remainder | Notifies the activities. |
| **Wake**  Set Alarm | Wakes me up with a interesting puzzle. |
| **Destination Alarm**  To have an alarm while travelling | Notifies the places we need to visit by dropping a pin in the map using google maps. |

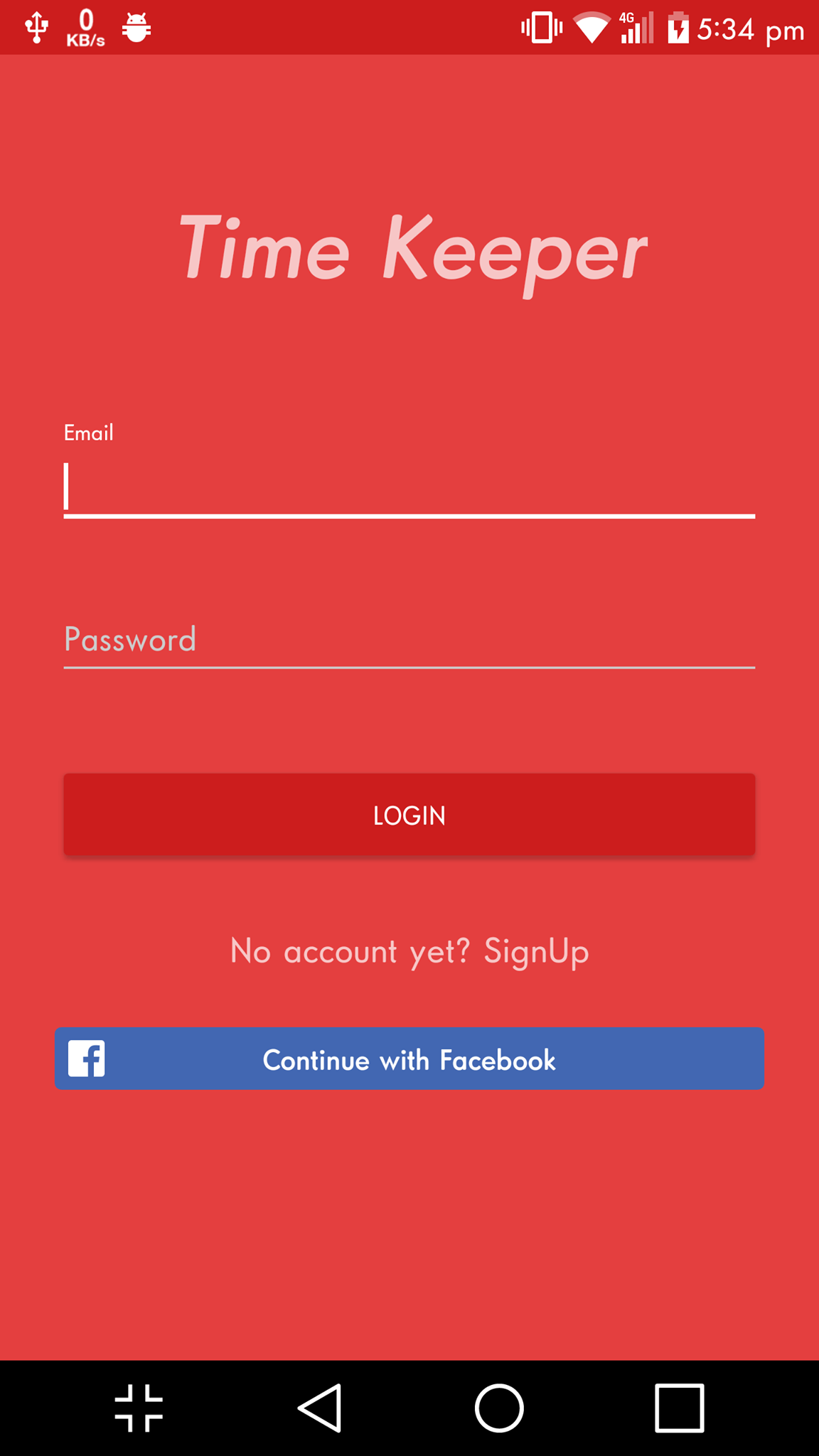
**Unit Testing**

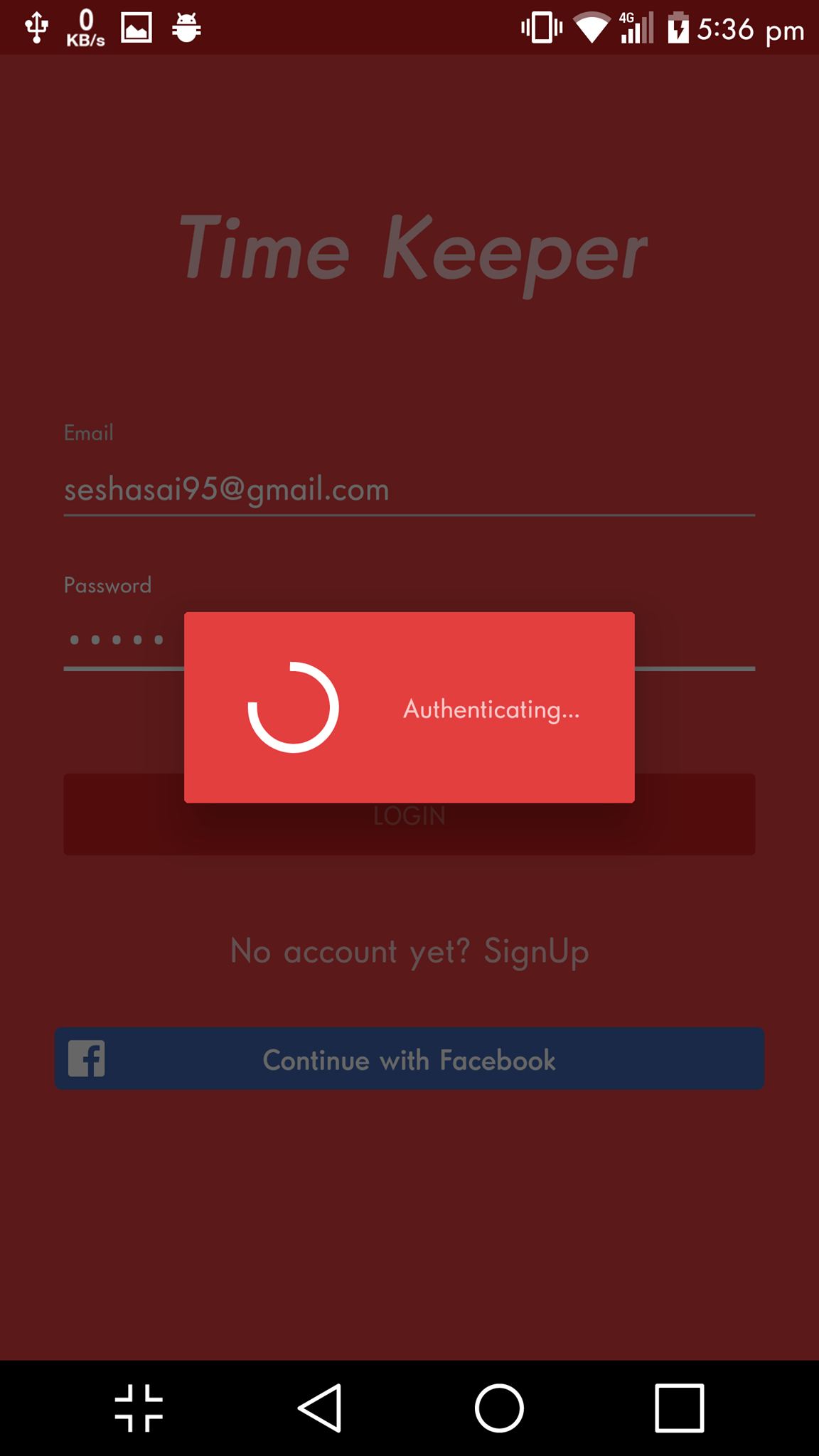
**Test Cases for Login and Register Page:**

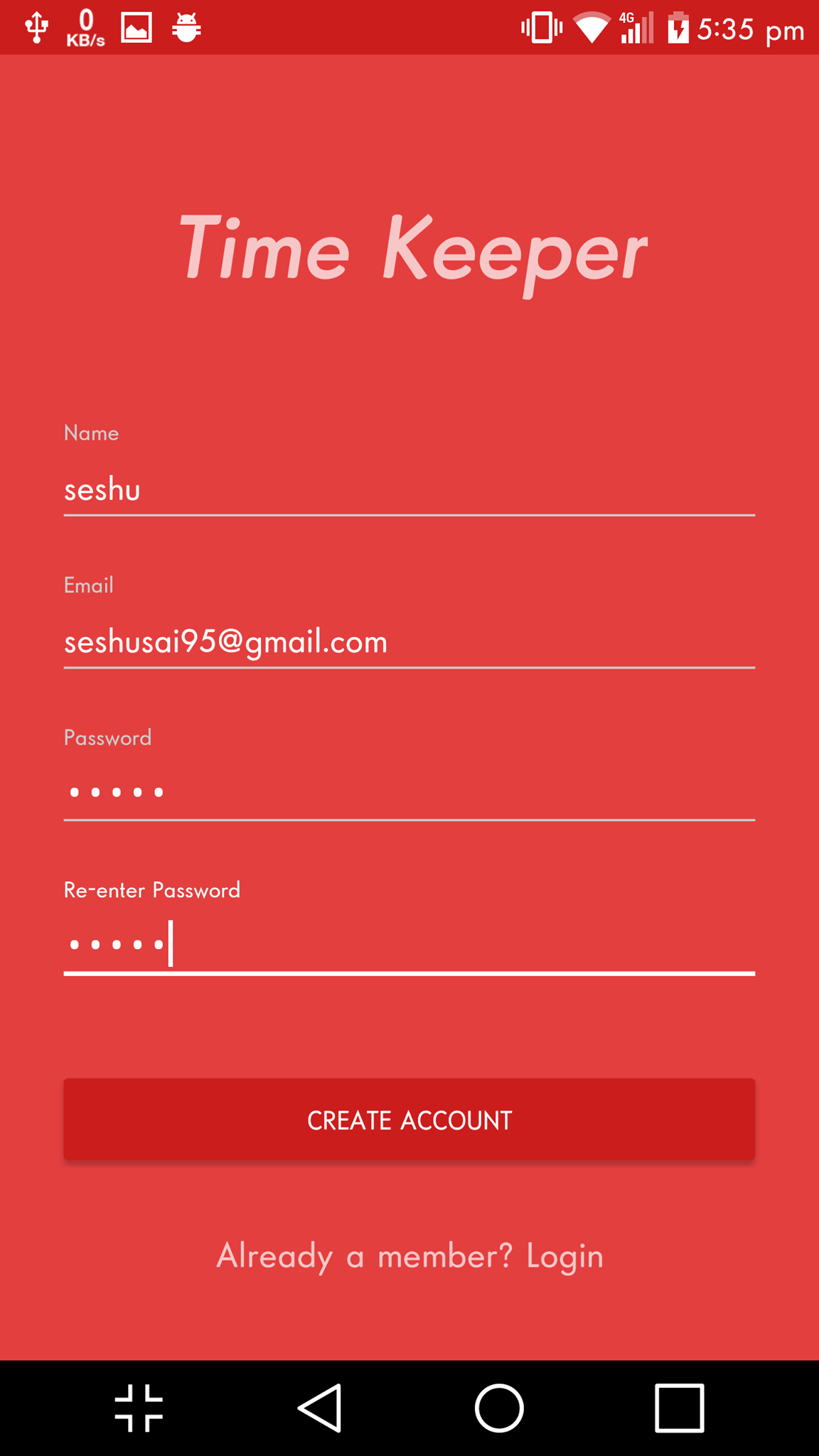
|  |  |  |  |
| --- | --- | --- | --- |
| **Case** | **Test Case**  **Description** | **Expected Result** | **Actual Result** |
| Login | Enter Invalid Username & Password | Error | Success |
| Login | Enter Invalid Username & Valid Password | Error | Success |
| Login | Enter Valid Username & Invalid Password | Error | Success |
| Login | Enter Valid Username & Valid Password | Logged into Home Page | Success |
| SignUp | Email ID should end with @mail.com | Invalid Mail | Success |
| SignUp | Length of Password should have minimum 8 characters | Password Weak | Success |
| SignUp | Password column and Confirm Password column should match | Registers Directs to Login Page | Success |

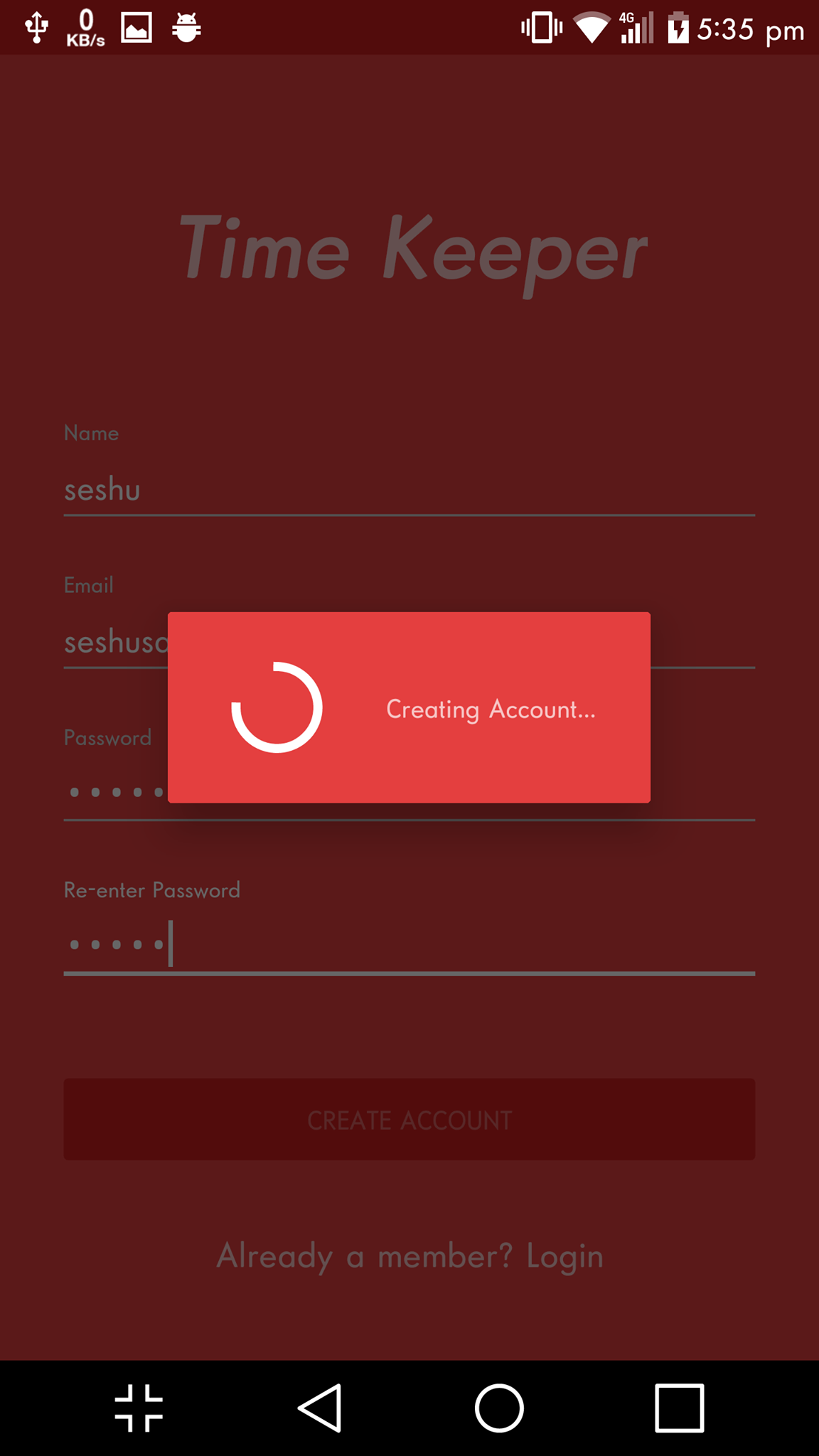
**5. Implementation and Deployment**

We have implemented the TimeKeeper Application in Android Studio onto an Android device. Following screenshots describe the flow of the Application.













**GitHub wiki page URL**: <https://github.com/swaroop832/ASE-project>

**6. Project Management**

**Implementation status report**

**Technologies Used:** Android Studio, Java, JS, Angular JS, J2EE.

**Work Completed**

• Design and Architecture of the Application

• Login and Registration using Android

• Collecting the API useful for the application

**Work to be Completed**

• Integrating the API.

• Navigating the application.

• Better User Interface of the application.

**Contributors:**

• Srinivas Potluri –25 %

• Swaroop Chitiprolu–25%

• Seshu Sai Prasanna Chennupati –25%

• Sampath Boddeti –25%

**7.Bibliography**

1.<http://creately.com/>

2.<http://developers.facebook.com/>