CS551

ADVANCED SOFTWARE ENGINEERING

FIRST INCREMENT REPORT

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- **AIM:**

- Our project mainly focuses on relating technology with the real world. Our application is motivated from the thought that all the people who are in need of help and the people who want to take an initiative to help voluntarily must be provided a platform. In this process, we were succeeded by creating the overall technical view of the project and also started working on it. The work which we had done is included in this First Increment Report.

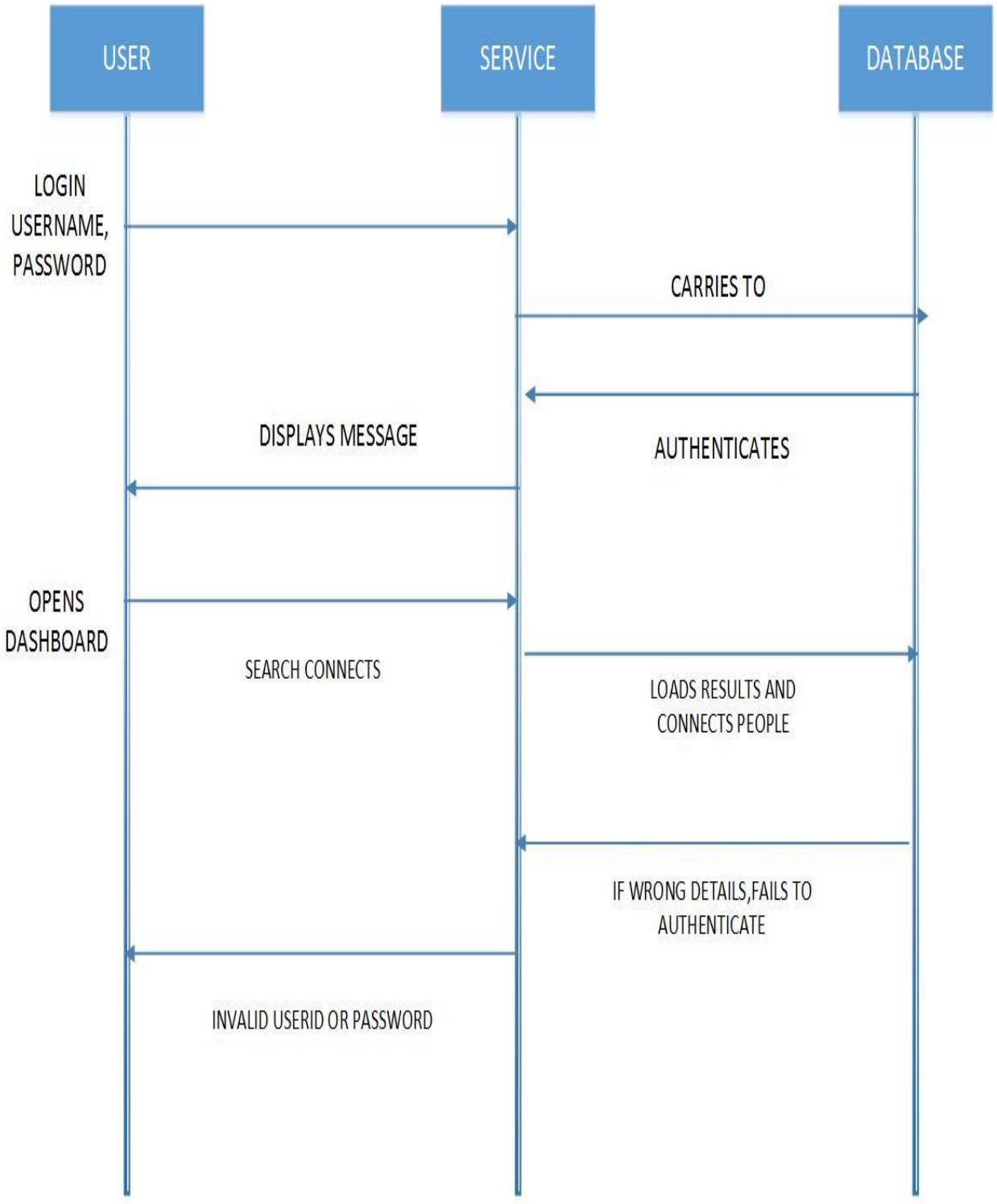
- **SERVICES AND API'S USED:**

- The first task that we had done in our application was creating a new Database. By using MySQL Server, we created a new database which is useful for our application. All the data that is given by the user in the client side can be stored in this database and can be retrieved as per user functions.
- We created a web service using .net coding in Microsoft visual studio for the login page in order to store the data in our database and to retrieve it and for comparing the details with the database for verification.
- The link for our web service is kc-sce-cs551-2.kc.umkc.edu/aspnet_client/Group12/WCFService1/Service.svc
- In the login page, we created an option to login directly by using the Google + sign in. For this we used Google API.

- **DESIGN DETAILS:**

- The details are included in the scrum do in terms of stories and they can be accessed at https://www.scrumdo.com/projects/project/help-help-help/iteration/111976

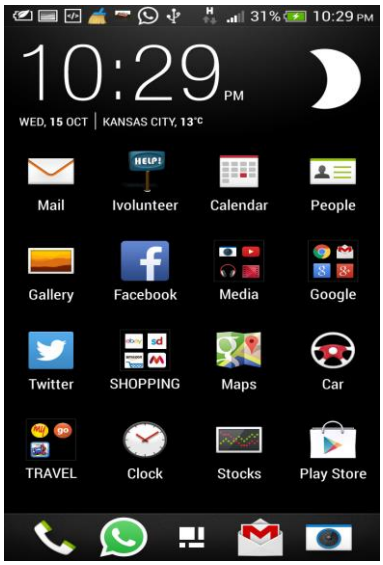
- **SEQUENCE DIAGRAM:**



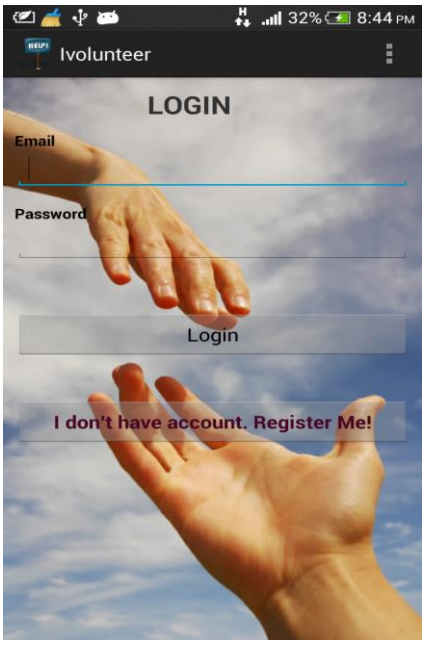
SEQUENCE DIAGRAM FOR LOGIN PAGE

- **USER INTERFACE:**

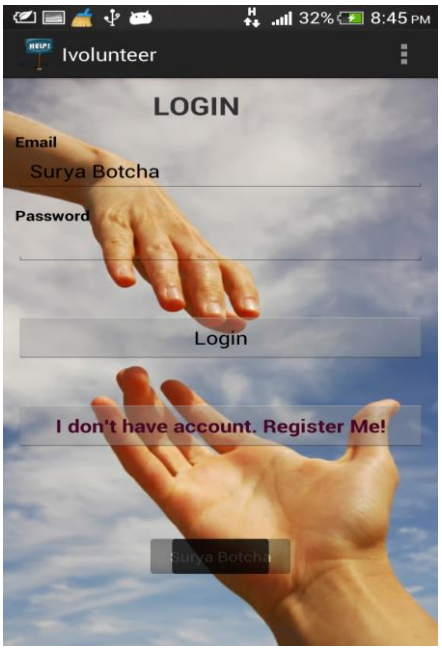
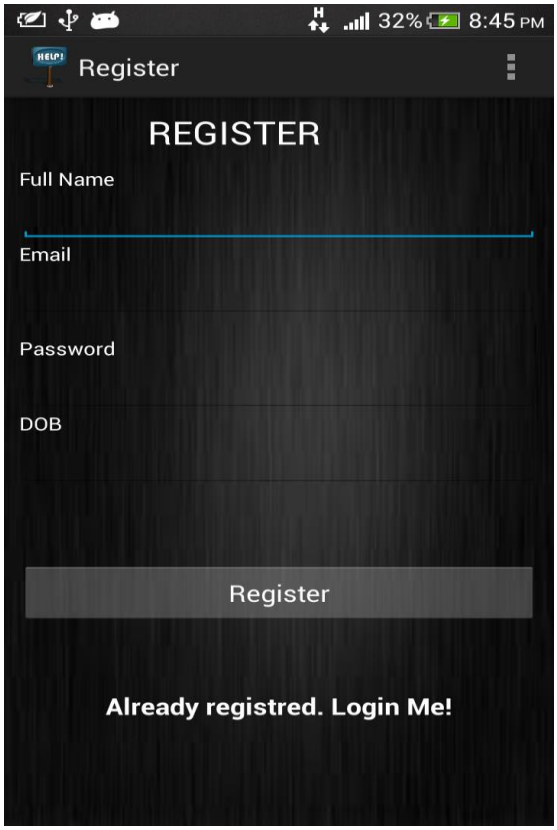
➢ The main applications page of an adroid looks as it is shown and our application Ivolunteer can be seen as shown:



➢ The login screen for the applications is as follows:



- A toast option is used to review the functionality of the buttons inserted:



- The user gets directed to a new page which is the register page if he is not a registered member: