

“Project Plan and Second Increment”

“Spring 2017”

“Submitted by Team 13”

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“1. Introduction”

“World Explorer”

When people keep travelling to different places, there is always a limitation of information about the place they are travelling to. Therefore, this encouraged us for a travel guide mobile application as smartphones are evolving exponentially and becoming popular to offer greater services to multiple users using GPS navigation, web navigation etc. The tourists will be able to explore many new tourists' places just by viewing the updated information in the application. This will also enable easy travel planning by knowing the sales prices and developments happening all around due to the increase in the usage of the mobile equipment's.

“2.Project Goal and Objectives(revised)”

“2.1 Overall Goal:”

The Main Objective of this Application is to create a user-friendly Android based Application which enables users to know about places and areas instantly that they are not familiar with and provide them with the reviews of past and an ability to share their experiences.

“2.2 Specific Objectives (Problem Statement):”

- Depending on the User Location, Tourist Attractions in a place can be displayed
- Entire information such as distance from current location, history, significance, images, and reviews etc. of a place can be viewed
- Associated with various applications which allows to view and book different amenities which are necessary to accomplish the trip
- User can view and record the reviews about the visited place

“2.3 Specific features:”

2.3.1 This Application enables the user to search for the locations where the user wants to visit after which application will be navigated to a page where Tourist Attractions available in the location entered by the user will get displayed.

2.3.2 After Tourist Attractions got displayed, the user can select a place from the list of attractions after which entire details such as current location, history, significance, images, and reviews etc. of the place can be viewed.

2.3.3 This is associated with various applications which allows to view and book different amenities which are necessary to accomplish the trip

2.3.4 The user can view and record the reviews about the visited place

“2.4 Significance:”

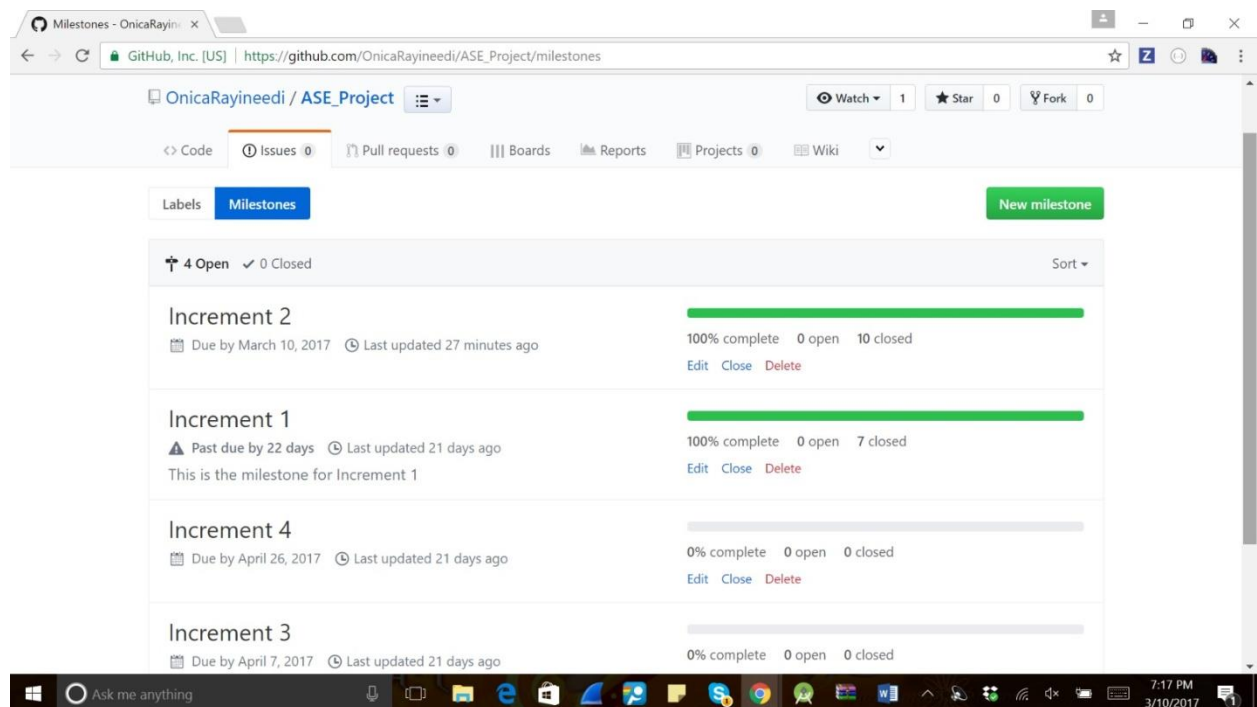
- The information in the application can be shared among tourists instantly and analyzed by the shared ones.
- The main disadvantage of insufficient information of the resources, untapped opportunities for tourism companies and the enhancement of the travel experience is overcome by providing meaningful insight for the trips.
- It provides connectivity to many smart applications for travelers.
- It provides Google’s information and resource source for marketers.

“3. Project Plan”

“1. Zen-Hub Screenshots:”

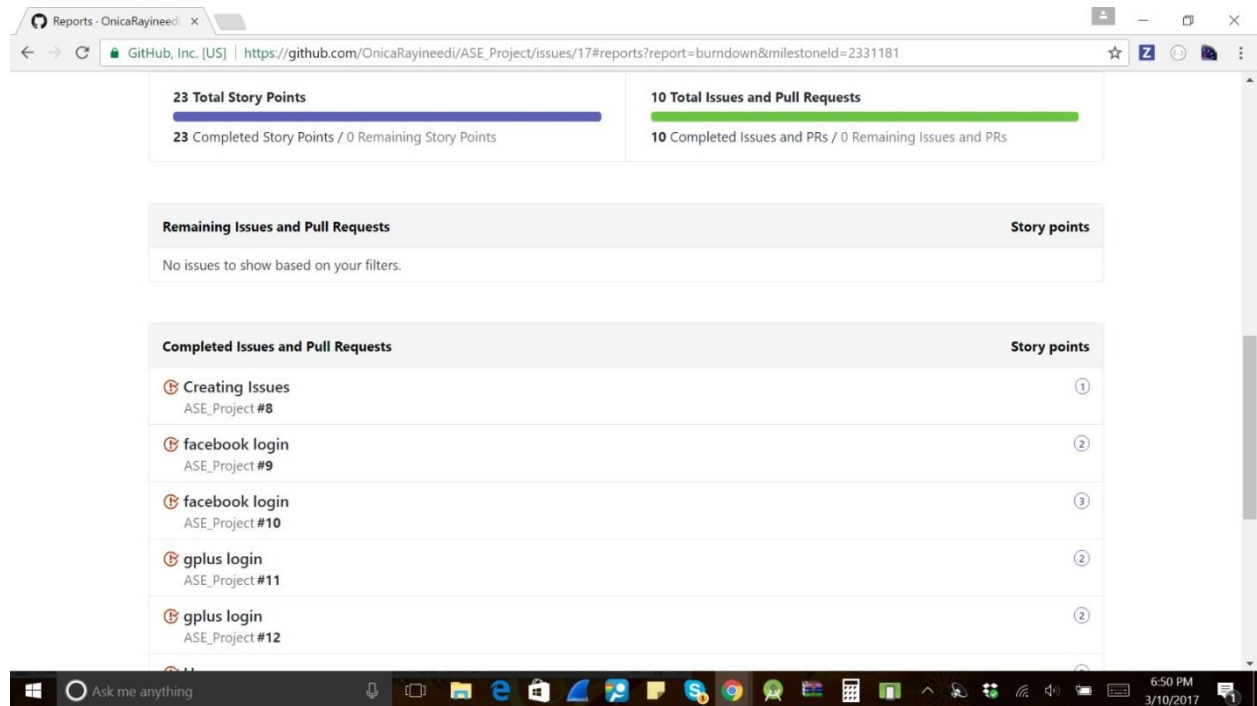
In this second increment we created four Milestones that is., for Increment-1, Increment-2, Increment-3, Increment-4. Under Increment-2 we have issues regarding Facebook Login page, Google plus login Page, API, four square, Home page, Home UI,Creating Burndown Charts.

“Mile-Stones Created:”



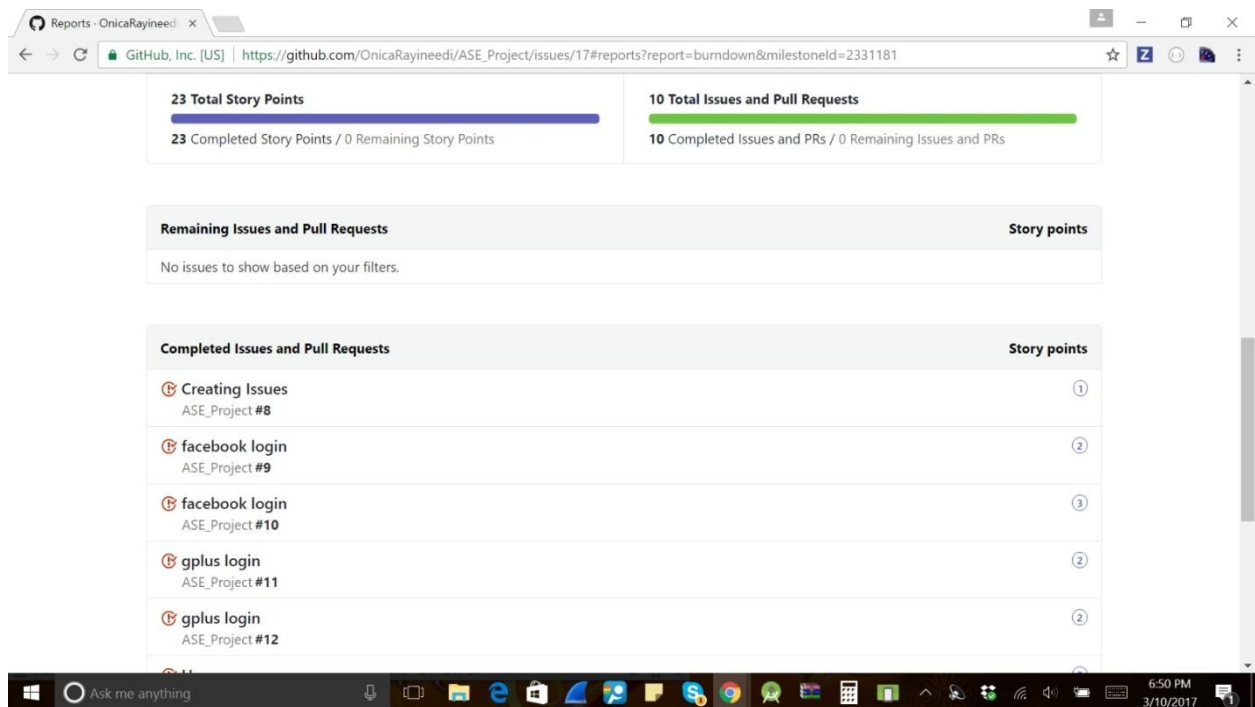
“2. Project Timeline, Members, and Task Responsibility:”

For this Increment, there are ten issues created and below screenshots describe how tasks been assigned to the team members



“3. Burn-Down chart:”

This Burn-Down chart is generated for Increment-1 which the above designed issues created



“4. Second Increment Report”

“4.1 Existing Services/REST API:”

- Facebook API
- Foursquare API
- M-Lab

“4.2 Detail Design of Features:”

“4.2.1. Wireframes:”

- **“Login Page:”** A Login Page is created with Email ID and Password as attributes.



- **“Registration Page:”** A Registration Page is created with First Name, Last Name, Password, username



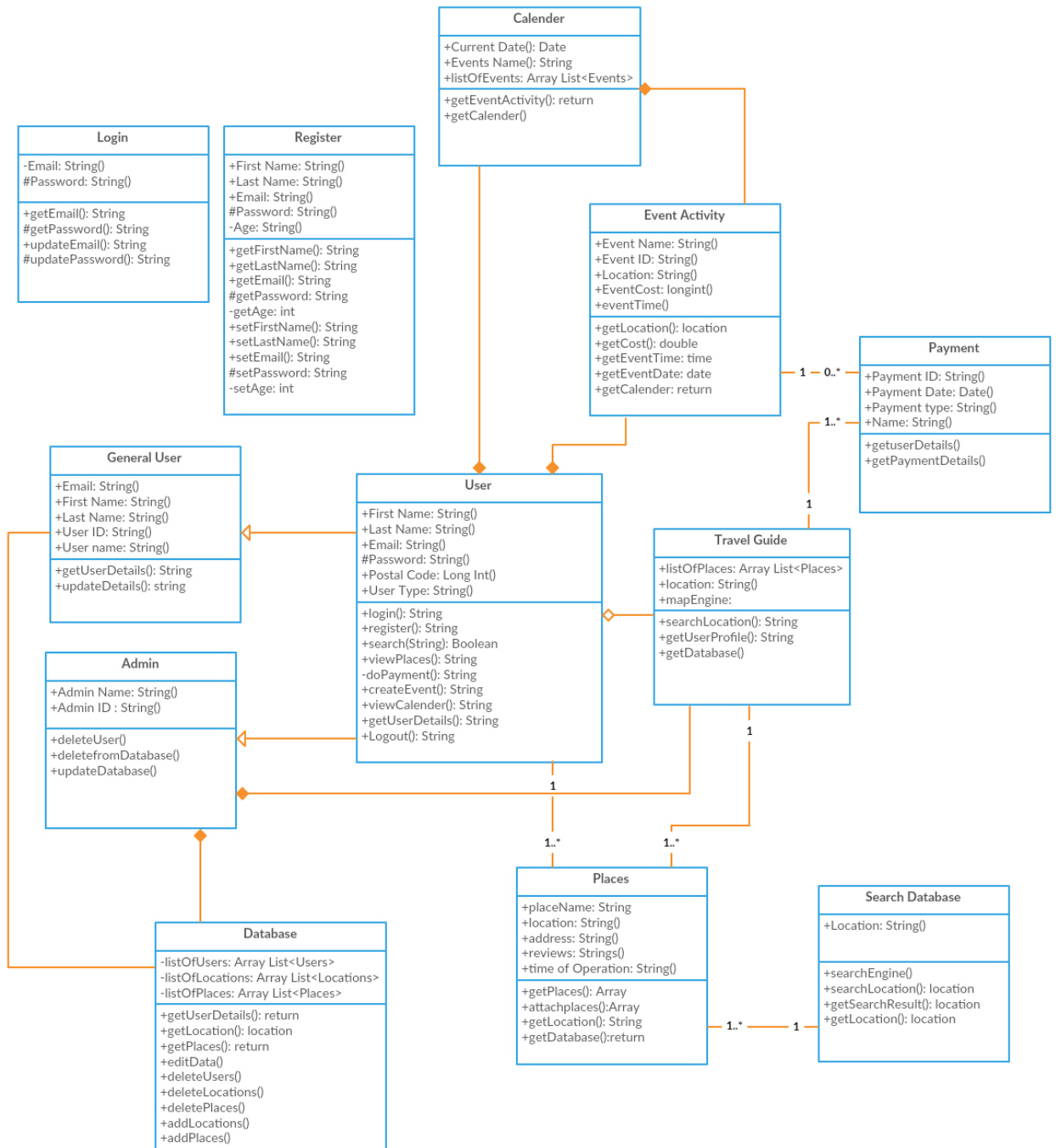
The image shows a mobile application registration screen. At the top left, there is a blue circular button with the word "Register" in white. Below this, there are five white input fields stacked vertically, each with a label in all caps: "FIRST NAME", "LASTNAME", "PASSWORD", "REENTER PASSWORD", and "FIRST NAME". At the bottom of the form is a white button with the word "SIGNUP" in blue. The entire form is set against a dark blue background with a subtle pattern.

HOME SCREEN



4.2.2 Class Diagram:”

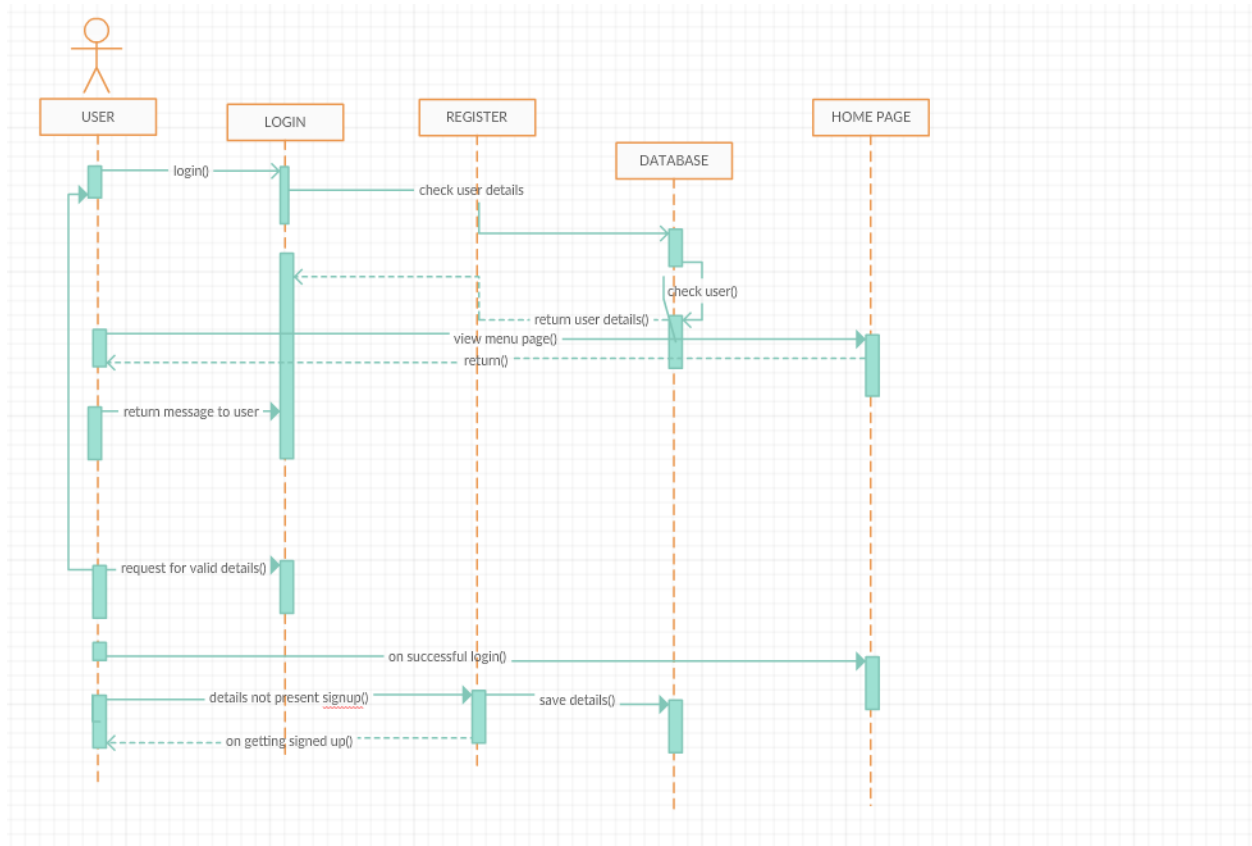
This diagram depicts the static structure of the Application using Classes and their Attributes.



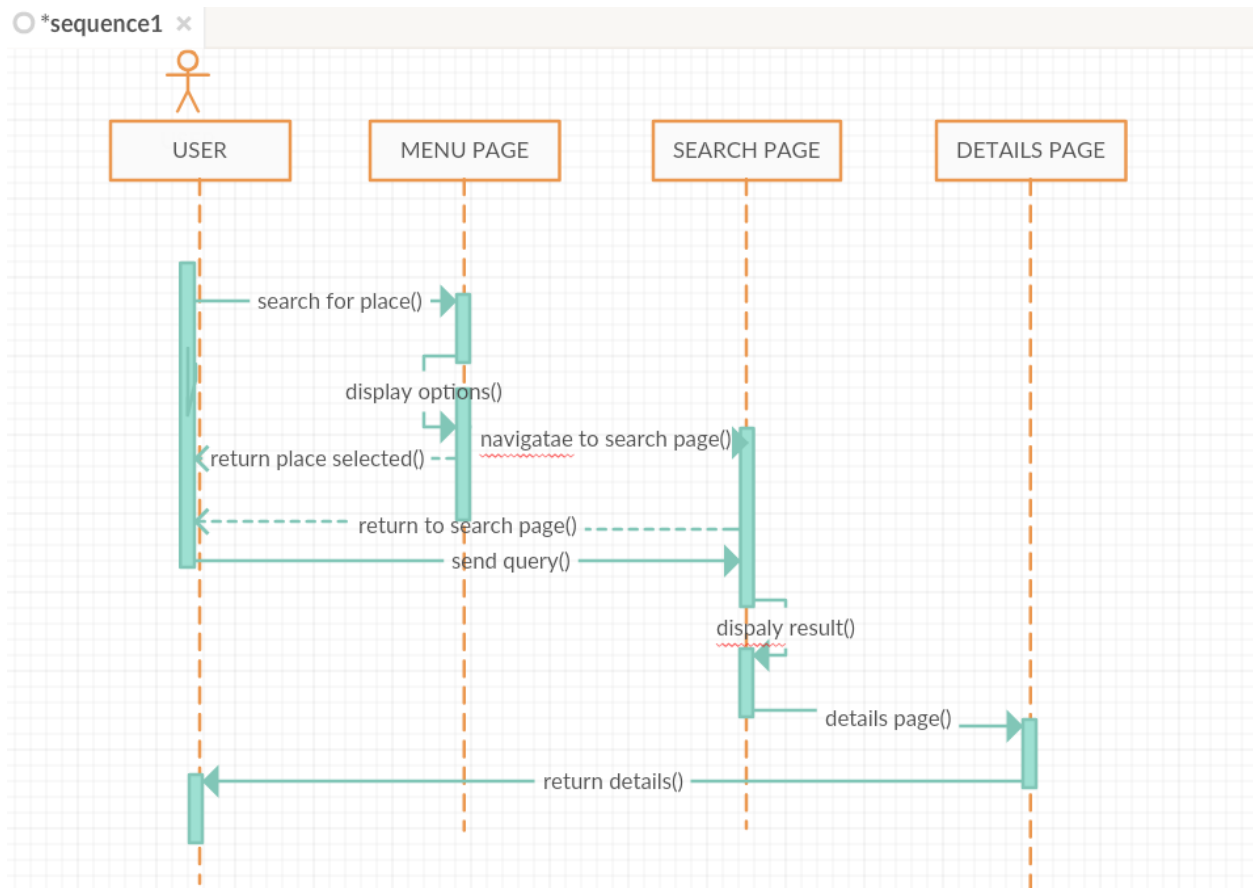
“4.2.3 Sequence Diagram:”

This Sequence Diagram depicts the interaction mechanism of the objects implemented in the system application.

“Sequence Diagram for Login and registration:”

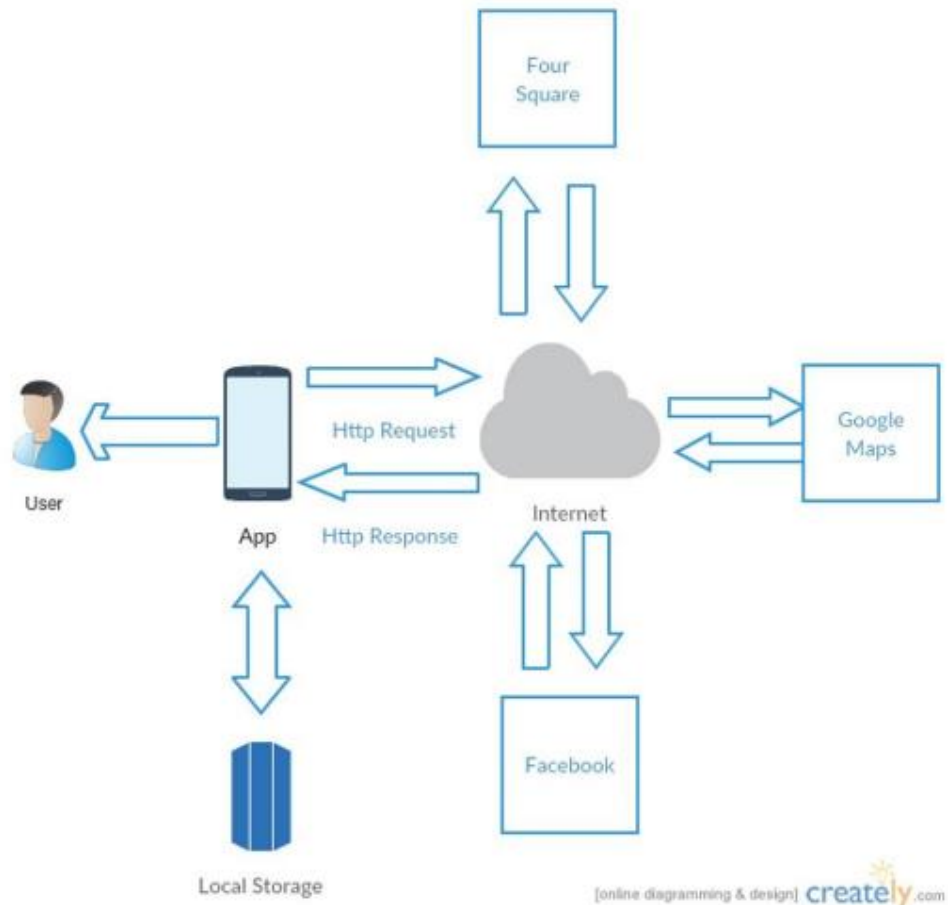


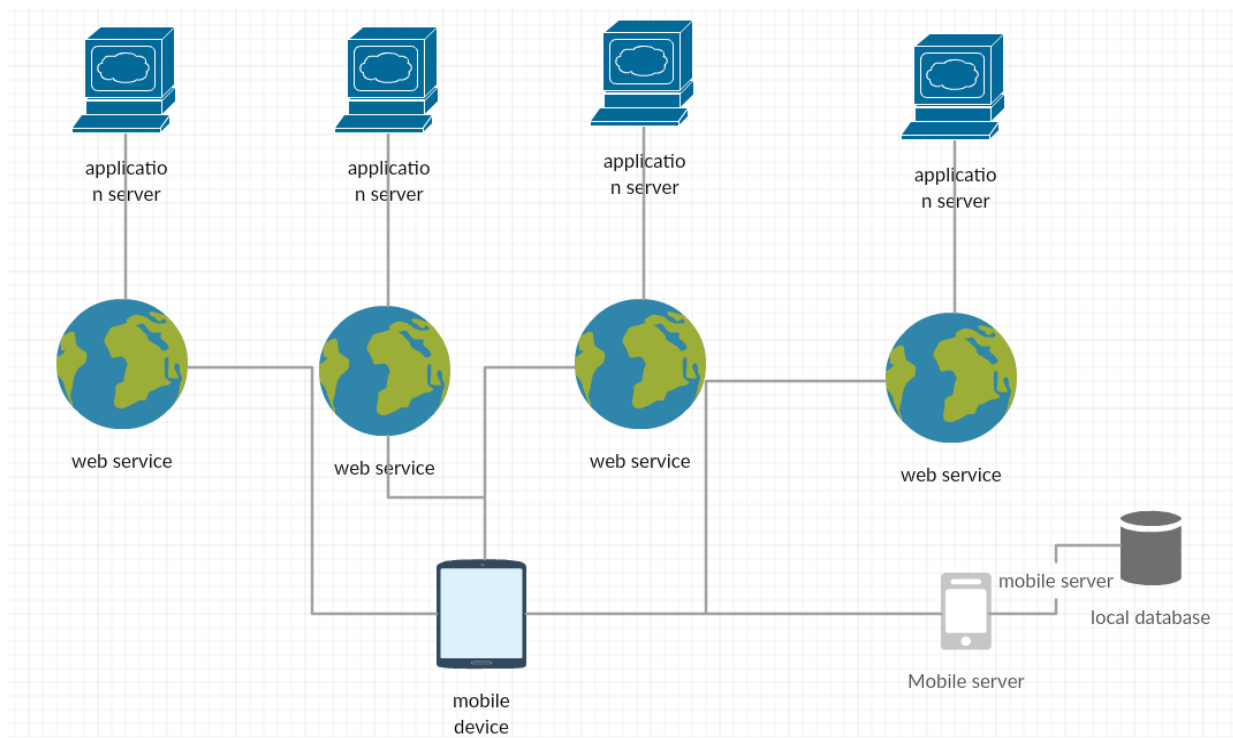
“Sequence Diagram for Home Page:”



“4.2.4 Architecture Diagram:”

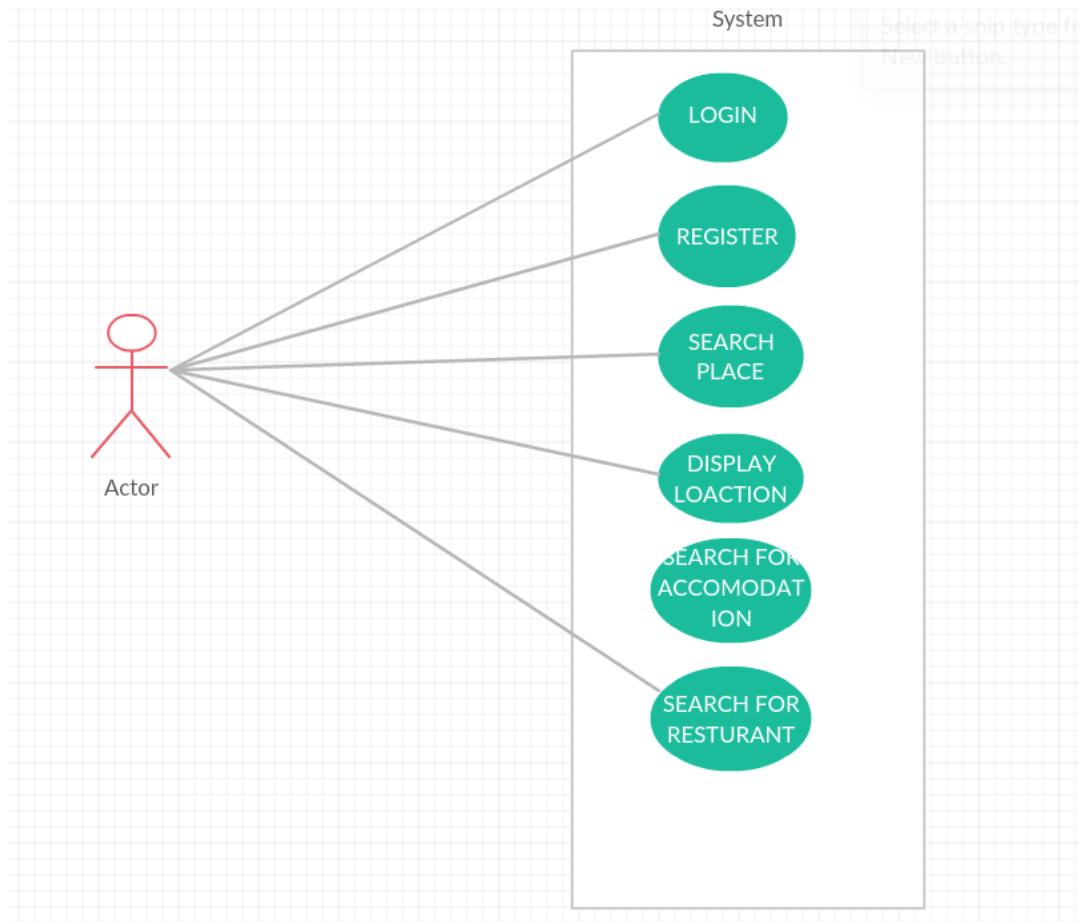
Structure and Behavior of the application is described in the system architecture.





“4.2.5 Use Case Diagram:”

Use case diagram represents the interaction of user with the application



“4.2.6 User Stories:”

As a	I want to	So, that
User	search for the locations to visit	I can visit that place as a tourist
	Get the various Tourist Attractions located in that location	I can visit all the Tourist Attractions located in that place
	Get Directions and navigation to the Tourist place selected	I do not have any problem in finding the location of the selected place
	Get all the information such as History, Significance, images, video's (if present) and reviews	I can gain more knowledge about that place
	Get all the details about Basic Amenities present in that place	I do not face any problem by visiting that place
	To schedule events and update calendar	I can view the dates and events planned on that days (such as visiting a place)
	to place the reviews of visited place	I can give suggestions to future visitors

“4.2.7 Unit Testing:”

Case	Test Case Description	Expected Result	Actual Result
Events Search	On searching the location	Display the nearby events	PASS
Places Search	On searching the Location	Display the nearby visiting spots	PASS
Travel & Transport	On searching the Location	Display places to live and transportation facilities	PASS
Food	On searching the Location	Display nearby restaurants	PASS

“5. Implementation and deployment:”

Android Application which we developed till date has been designed using android studio and result is observed using emulator and in an android mobile.

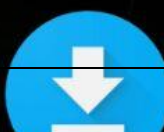
“Screen Shots:”

- By opening the Application in the android mobile following login page will be displayed which has email and password as attributes.
- If the user enters Invalid credentials, then an alert appears stating that Password do not match or Invalid Email
- If the user is new to the application, then he can register by using the registration page
- On clicking on the registration button a registration form appears
- New user should fill all the details and then by clicking on register button and get migrated to login page
- After successful registration, an alert appears with a message Success
- Then you will be navigated to the home page
- In the home page, you can find api's for food, events, travel and transport, places, trends.
- By clicking on the apis you can find the place



23%

2:48





23% 2:48

City Guide



LOGIN

REGISTER

 Log out



23% 2:48



Login






Email


Password

LOGIN

No account yet? Create one



 **Register**



Name

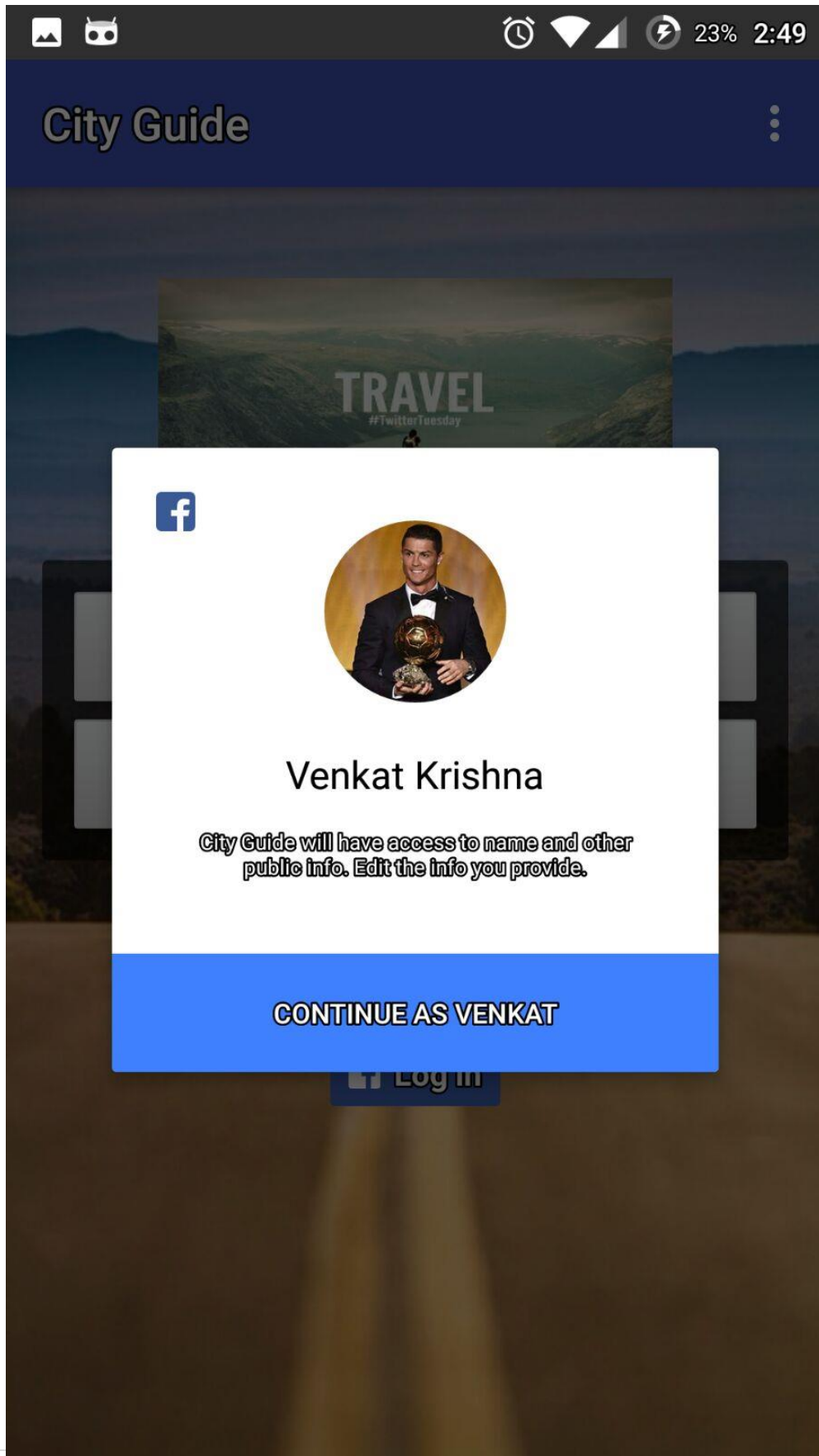
Email

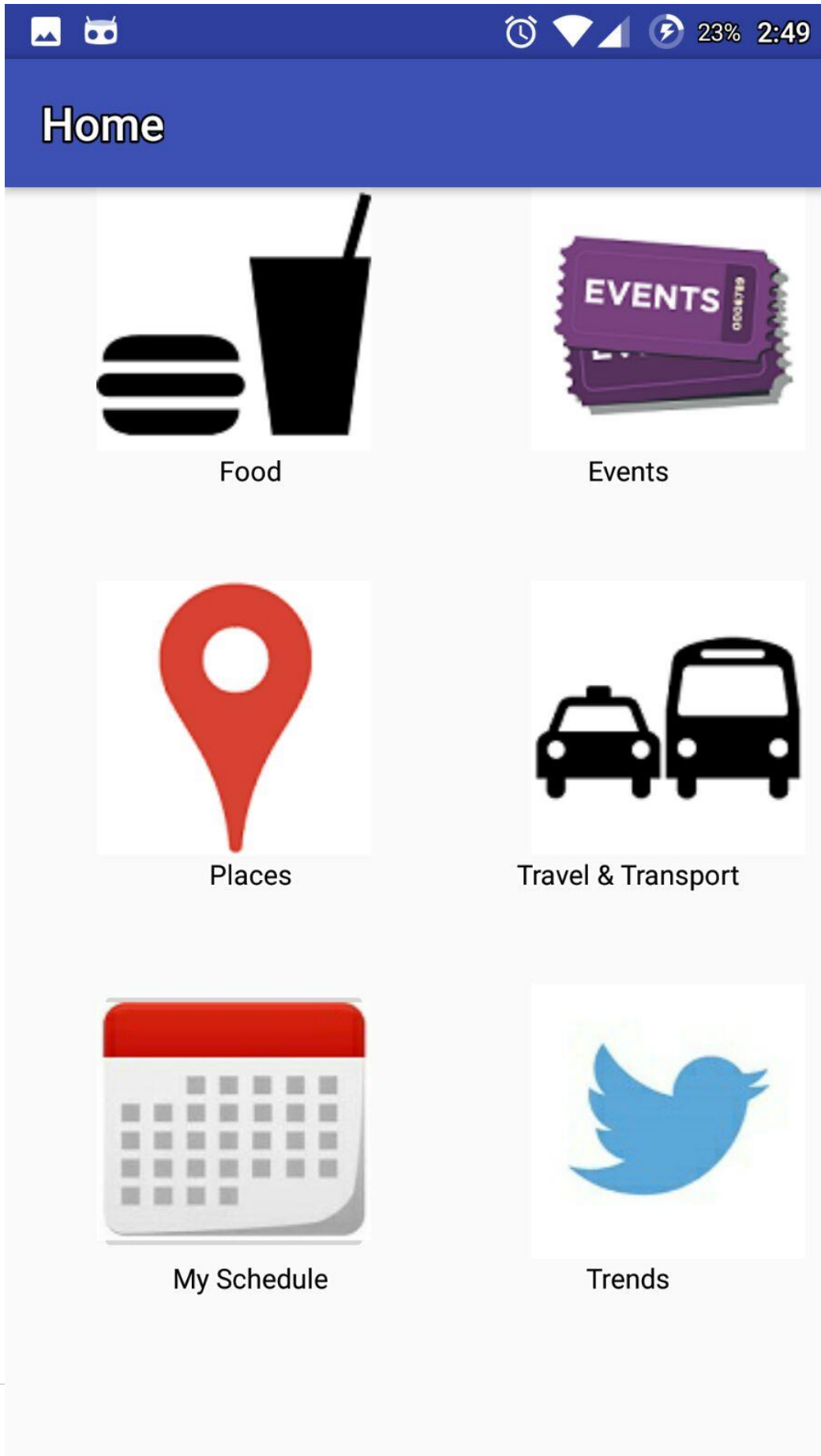
Password

Mobile Number

CREATE ACCOUNT

Already a member? [Login](#)







23% 2:49

You Search Results



Kansas City Marriott Downto

Kansas C



***Kansas City International Air,
(MCI) (Kansas City Internatio
Airport)***

Kansas C



***Sheraton Overland Park Hote
the Convention Center***

Overland F



Kansas/Missouri State Line

Kansas C



Union Station Kansas City, In

Kansas C



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You Search Results



Grandview Triangle

Kansas C



DoubleTree by Hilton Hotel Kansas City-Overland Park

Overland F



Overland Park Marriott

Overland F



I 70 & 635

Kansas



Ameristar Casino Hotel Kans City



Flying Saucer

Kansas C



Mildred's Coffeehouse

Kansas C



Char Bar

Kansas C



Joe's Kansas City Bar-B-Que

Kansas



Starbucks

Kansas C



23% 2:49

You Search Results



Starbucks

Kansas C



Black Dog Coffeehouse

Len



Argosy Casino Hotel & Spa

Rivers



Starbucks

Overland F



**Hollywood Casino at Kansas
Speedway**

Kansas



23% 2:49

You Search Results



***AMC Studio 30 with IMAX and
Dine-in Theatres***

Okla



Cinemark Palace

Kansas C



AMC Town Center 20

Leaw



***Hollywood Casino at Kansas
Speedway***

Kansas



Silverstein Eye Centers Arena

Independer



Sprint Center

Kansas C



Kansas City Convention Cent

Kansas C



Nelson-Atkins Museum of Ar

Kansas C



AMC BarryWoods 24

Kansas C



Alamo Drafthouse Mainstree

Kansas C



AMC Ward Parkway 14



23% 2:49

You Search Results



Olathe Mayor Christmas Tree Lighting

Ok



Crabaugh das Haus

Kansas



KCP&L Plaza Lights

Kansas C



Wabash Cannonball Gala

Overland F



Crystal Pavilion

Independer



Salsa @ The Chesterfield Clu

Kansas C



GameOn

North Kansas C



Fontainebleau Clubhouse

Overland F



The SPOTT Lifestyle and Swingers Club of Kansas City

Kansas C



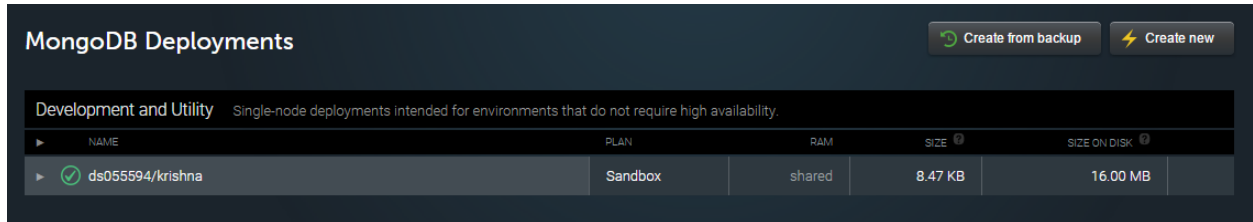
First Friday Film Festival - 4F

Kansas C



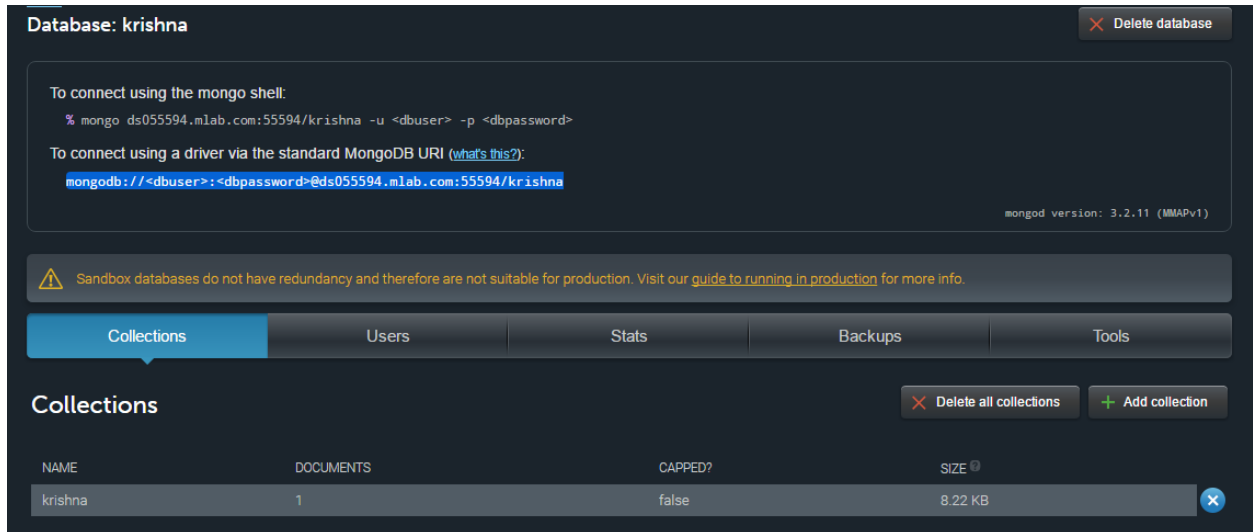
2016 Main Event Space

Screenshots:



The screenshot shows the 'MongoDB Deployments' interface. At the top right, there are two buttons: 'Create from backup' and 'Create new'. Below this, a section titled 'Development and Utility' describes single-node deployments. A table lists the available deployment options.

NAME	PLAN	RAM	SIZE	SIZE ON DISK
ds055594/krishna	Sandbox	shared	8.47 KB	16.00 MB



The screenshot shows the 'Database: krishna' interface. It includes a 'Delete database' button and instructions on how to connect using the mongo shell or a driver via the standard MongoDB URI. Below this, a warning message states that sandbox databases do not have redundancy. A navigation bar contains tabs for 'Collections', 'Users', 'Stats', 'Backups', and 'Tools'. The 'Collections' tab is active, showing a table with one collection named 'krishna' containing 1 document. There are also buttons for 'Delete all collections' and 'Add collection'.

To connect using the mongo shell:

```
% mongo ds055594.mlab.com:55594/krishna -u <dbuser> -p <dbpassword>
```

To connect using a driver via the standard MongoDB URI (what's this?):

```
mongodb://<dbuser>:<dbpassword>@ds055594.mlab.com:55594/krishna
```

mongod version: 3.2.11 (MMAPv1)

⚠ Sandbox databases do not have redundancy and therefore are not suitable for production. Visit our [guide to running in production](#) for more info.

Navigation: Collections | Users | Stats | Backups | Tools

Buttons: Delete all collections | Add collection

NAME	DOCUMENTS	CAPPED?	SIZE
krishna	1	false	8.22 KB

GitHub Wiki Link:

https://github.com/OnicaRayineedi/ASE_Project/wiki/Project-Second-Increment

6. project management:

Implementation Status report

Technologies used: Android Studio, M-lab

Work Completed:

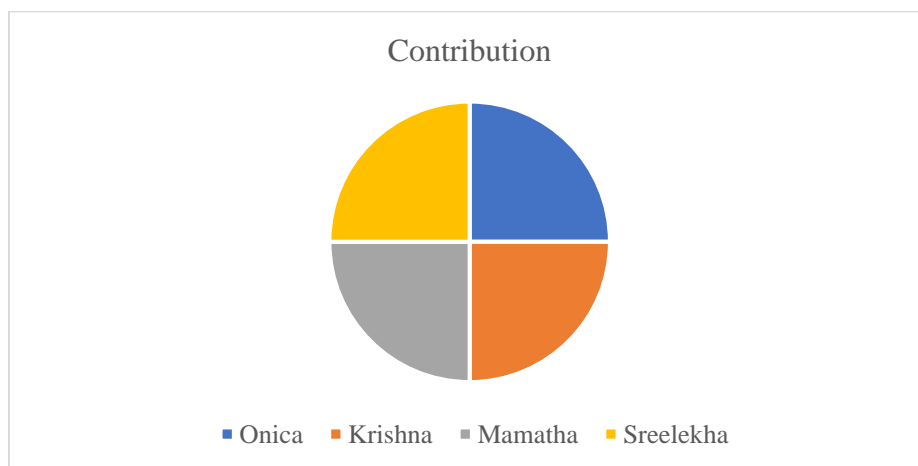
- Designed Architecture of the application
- Designed Login and registration pages
- Collected related information which will be used for further implementation of the Application
- Designing home page
- Database implementations

Work to be Completed:

- Implementing various API's in the Application
- Implementing database to the Application
- Improving the UI of the Application

Contribution:

1. Onica Sai Prasanna Lakshmi, Rayineedi – 25%
2. Venkata Krishna, Podili– 25%
3. Mamatha Yadav, Chekuti– 25%
4. Sreelekha Reddy, Kommareddy– 25%



Bibliography:

- <https://creately.com/>
- <https://stackoverflow.com>