

“Project Plan and First Increment”

“Spring 2017”

“Submitted by Team 13”

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“1.Inroduction”

“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 smart phones 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:”

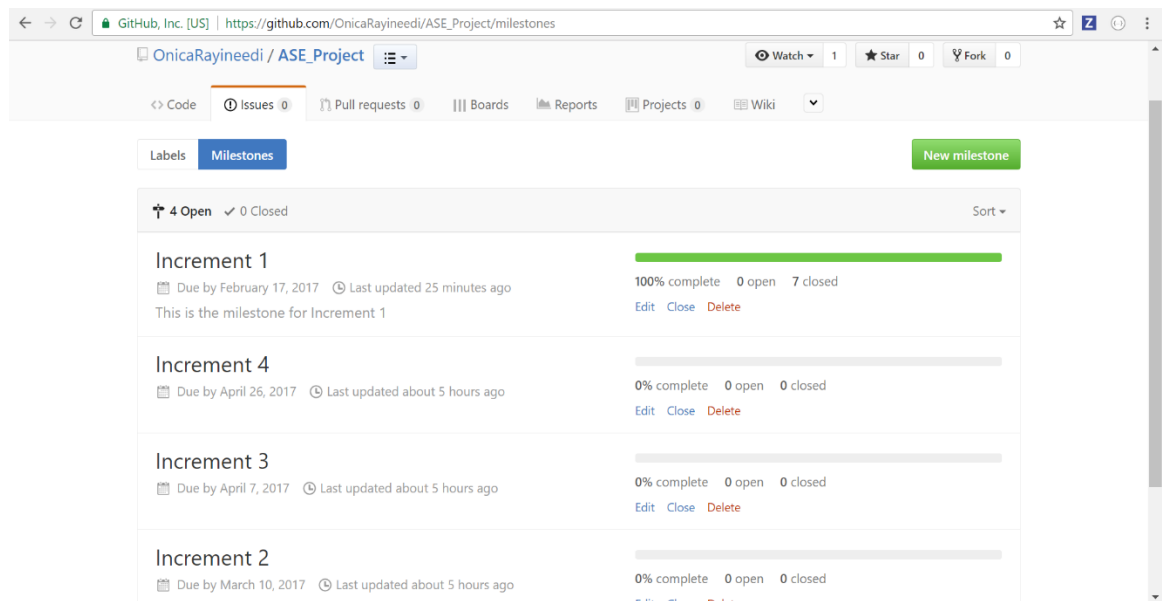
- The information in the application can be shared among tourists instantly and analyzed by the shared ones.
- The main disadvantage of insufficient information of the resources, untapped opportunities for tourism companies and the enhancement of the travel experience is overcome by providing meaningful 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:”

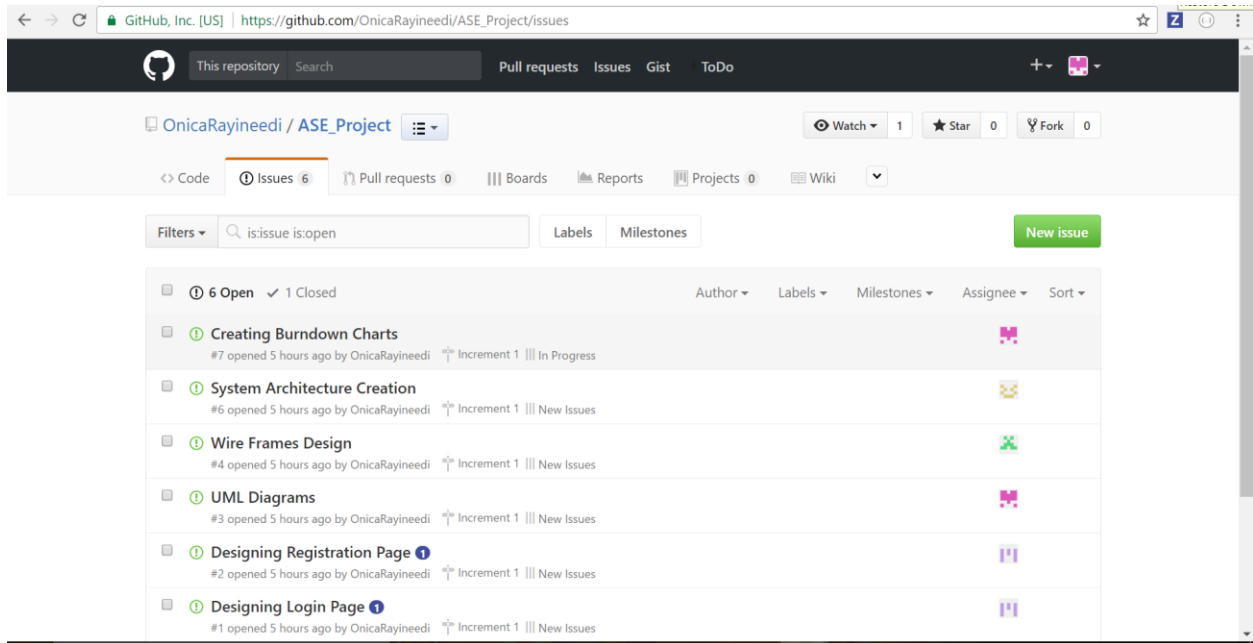
In this first increment we created four Milestones that is., for “Increment-1, Increment-2, Increment-3, Increment-4.” Under Increment-1 we have four issues regarding Designing Login page, Designing Registration Page, Wireframes Design, UML Diagrams, Designing of Sequence Diagram, Creating Burndown Charts, System Architecture Creation and working on Four-Square API

“Mile-Stones Created:”



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

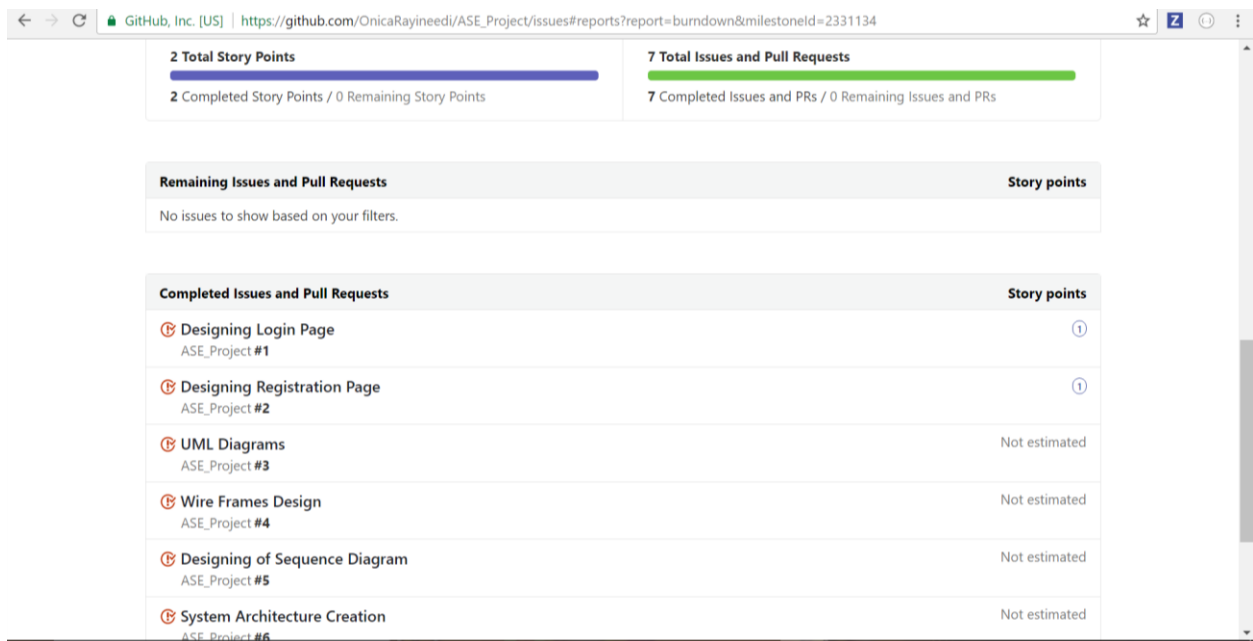
For this Increment, there are seven issues created and below screenshots describe how tasks been assigned to the team members



“3. Burn-Down chart:”

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





“4. First Increment Report”

“4.1 Existing Services/REST API”

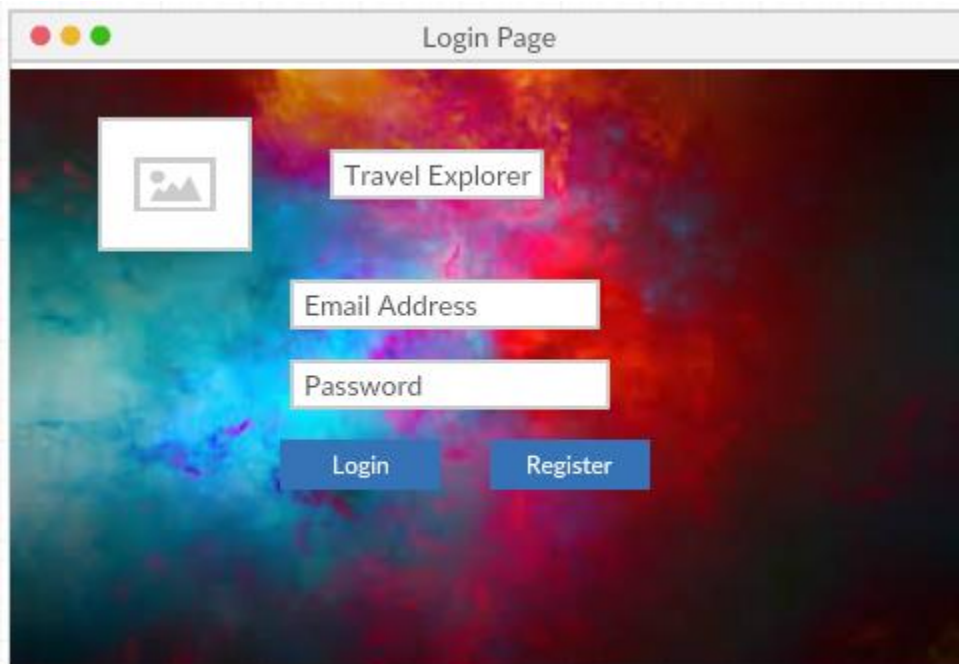
“4.1.1 API’s to be Implemented:” For the next Increments below mentioned API’s will be implemented

- Facebook Login API
- Google Plus API
- Google Maps API
- Four-Square API

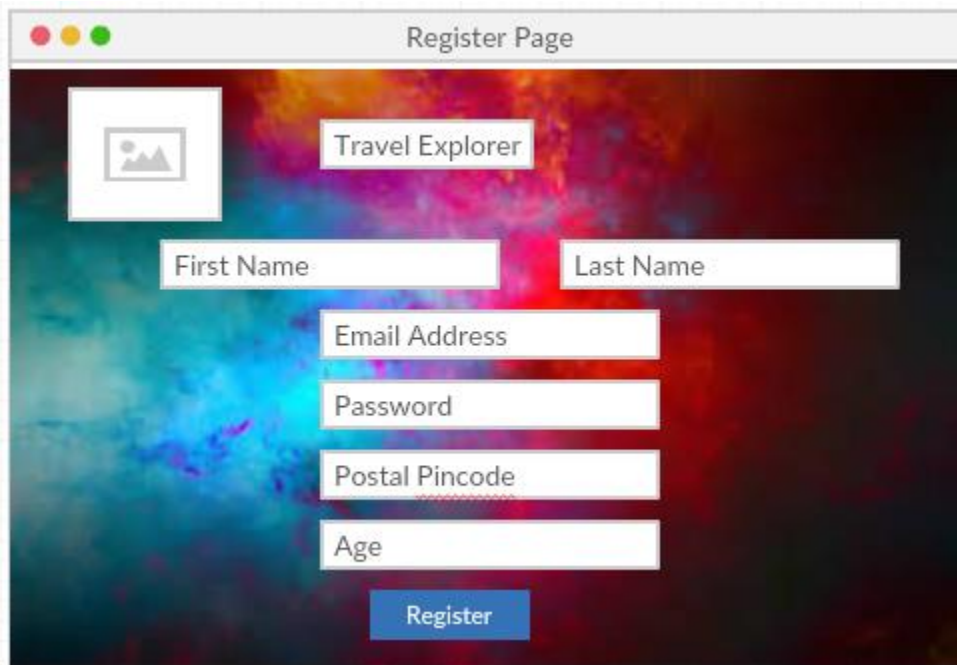
“4.2 Detail Design of Features:”

“4.2.1. Wireframes:”

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

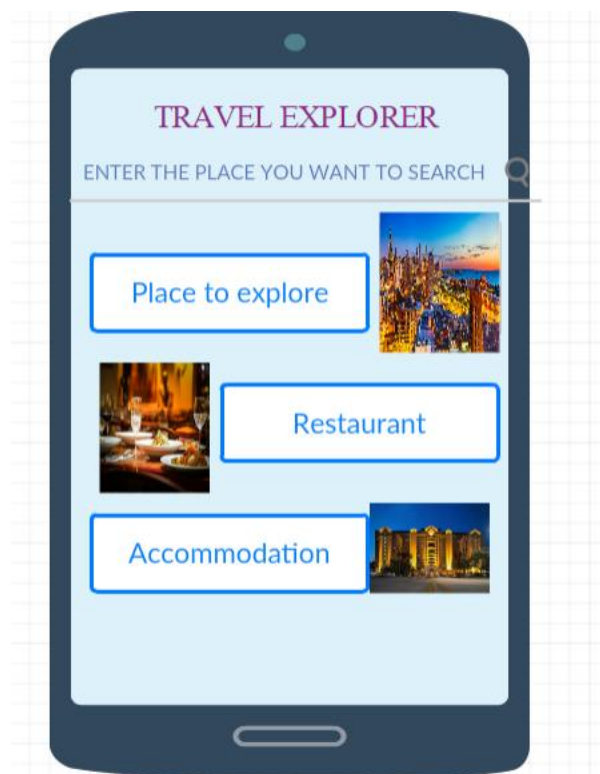


- **“Registration Page:”** A Registration Page is created with First Name, Last Name, Email, Password, and Postal Code



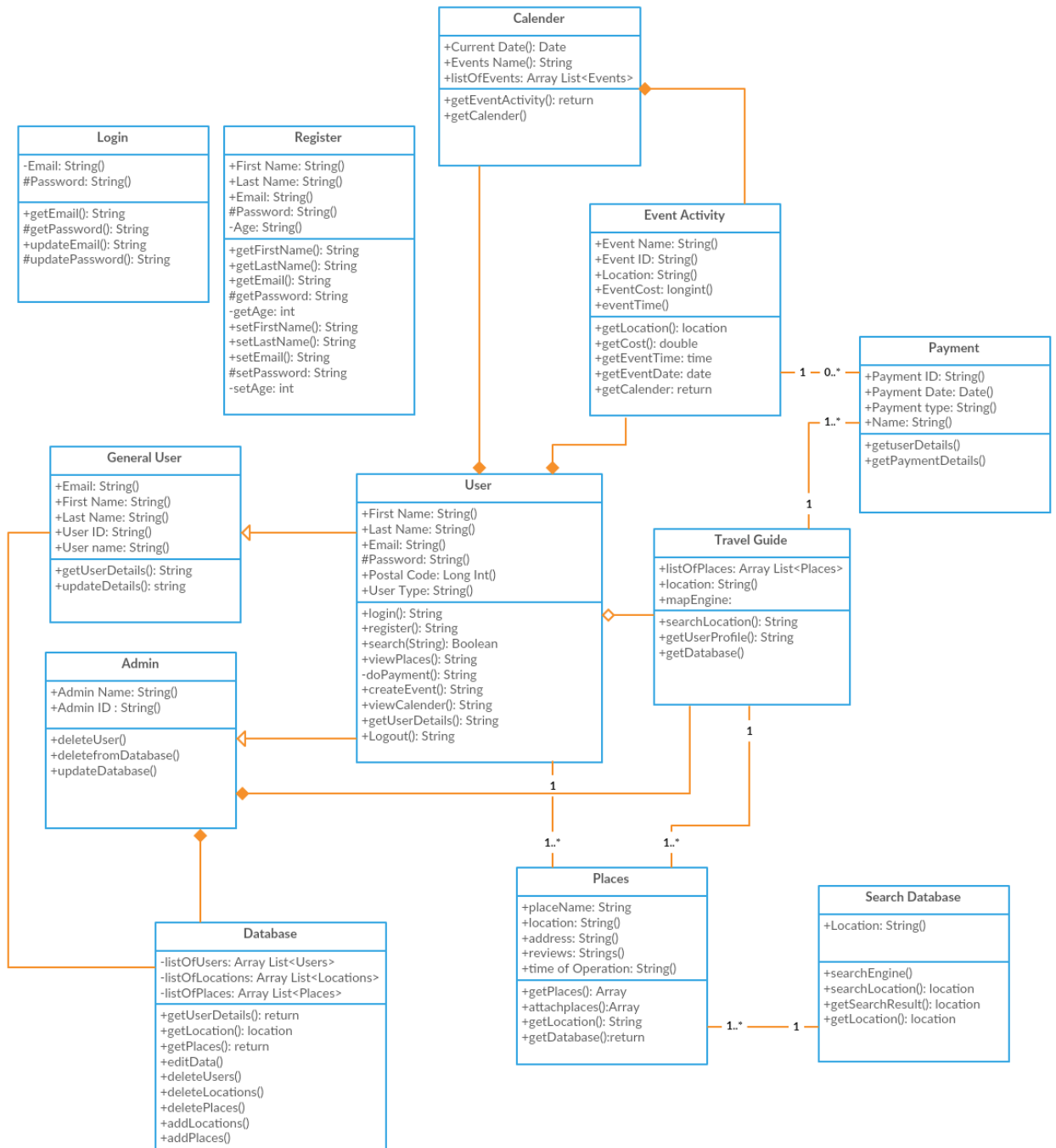
The image shows a web browser window titled "Register Page". The background is a vibrant, abstract space-themed image with nebulae in shades of blue, purple, and red. In the top left corner, there is a small square icon containing a landscape image. To its right, the text "Travel Explorer" is displayed. Below this, there are five input fields stacked vertically: "First Name", "Last Name", "Email Address", "Password", and "Postal Pincode". At the bottom of the form is a blue button labeled "Register".

- **“Home Page:”**



“4.2.2 Class Diagram:”

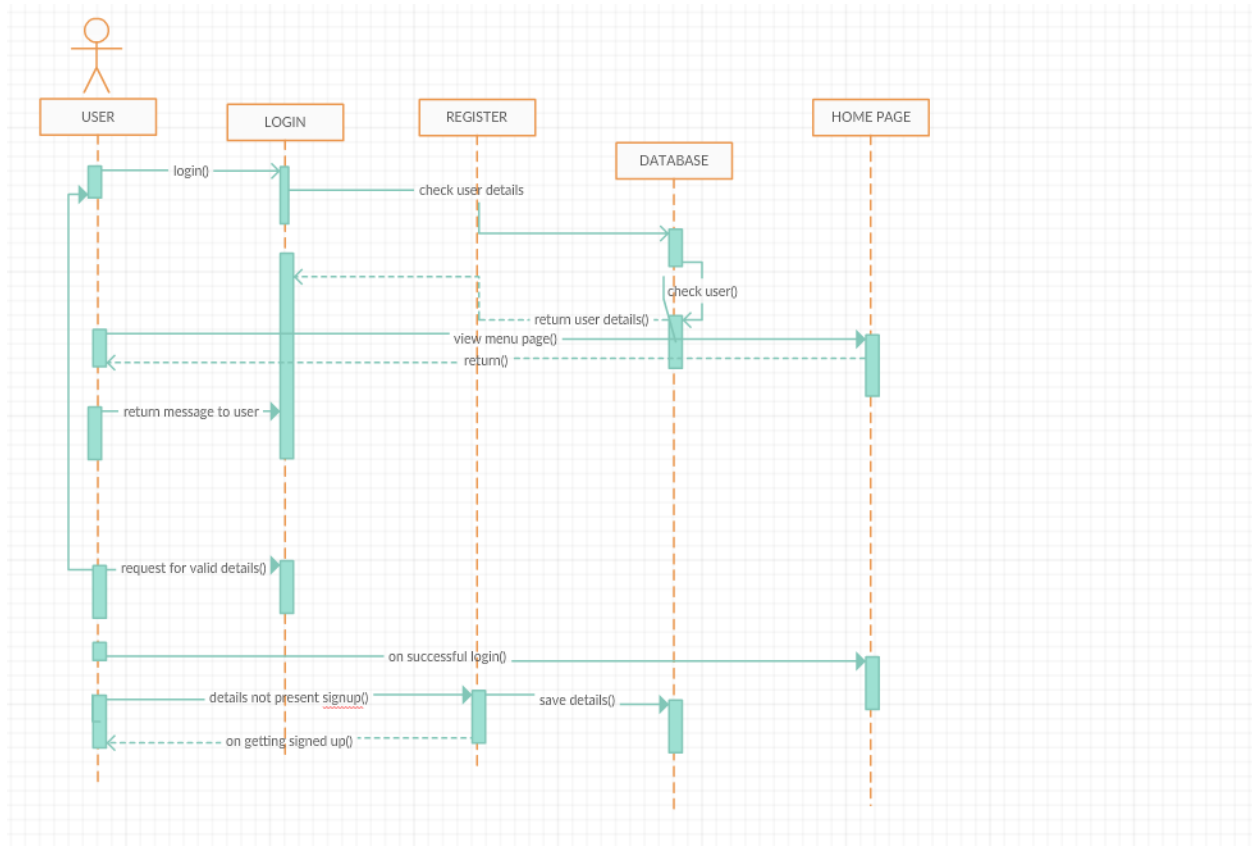
This diagram depicts the static structure of the Application using Classes and their Attributes.



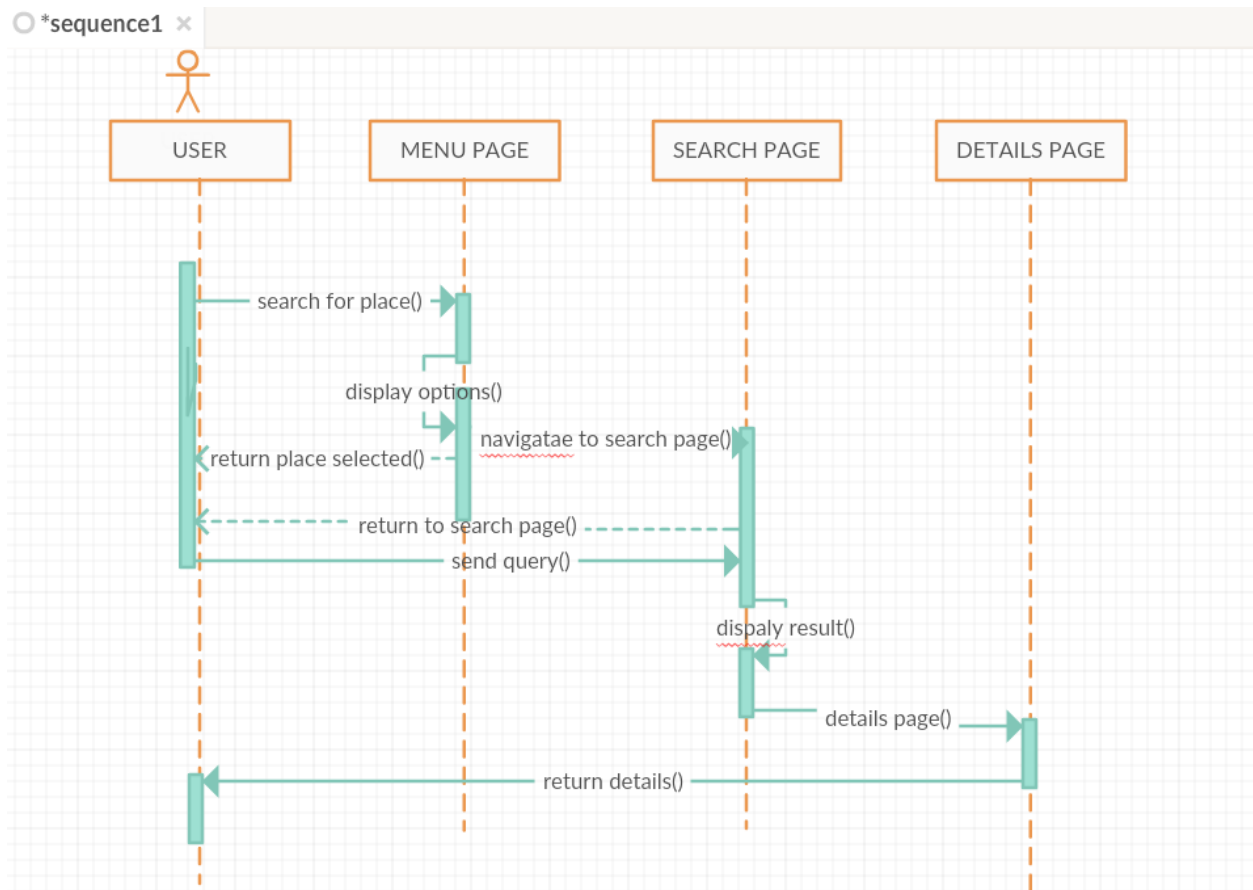
“4.2.3 Sequence Diagram:”

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

“Sequence Diagram for Login and registration:”

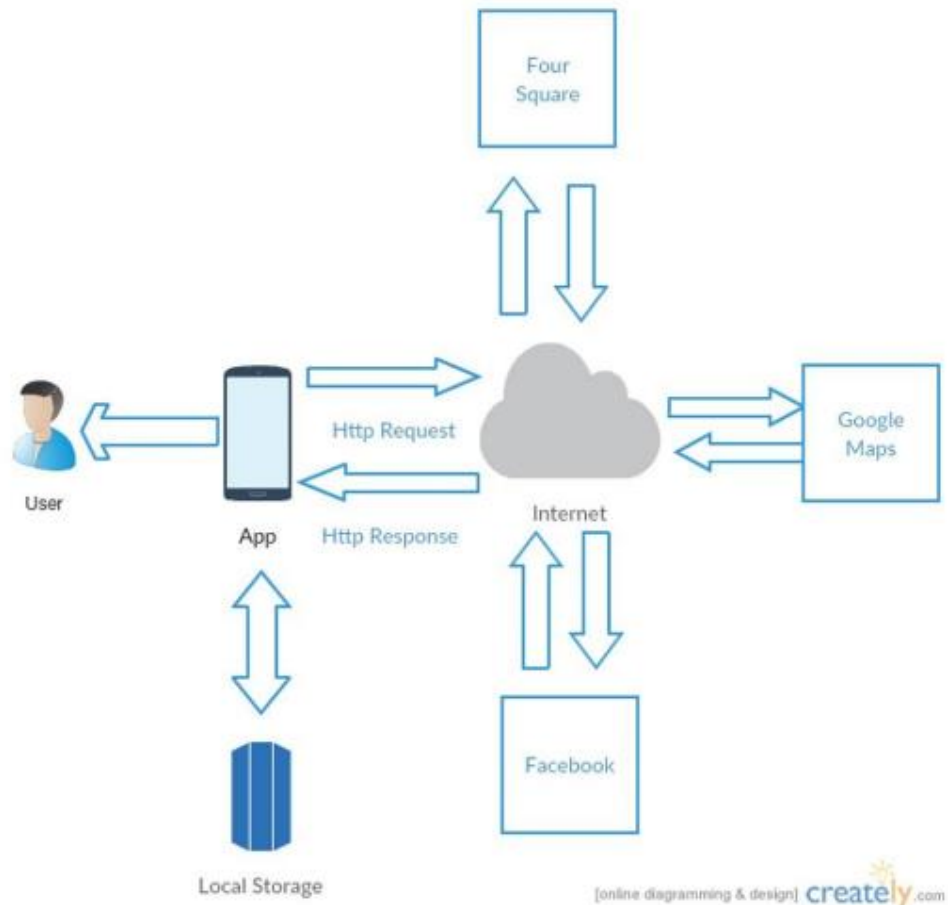


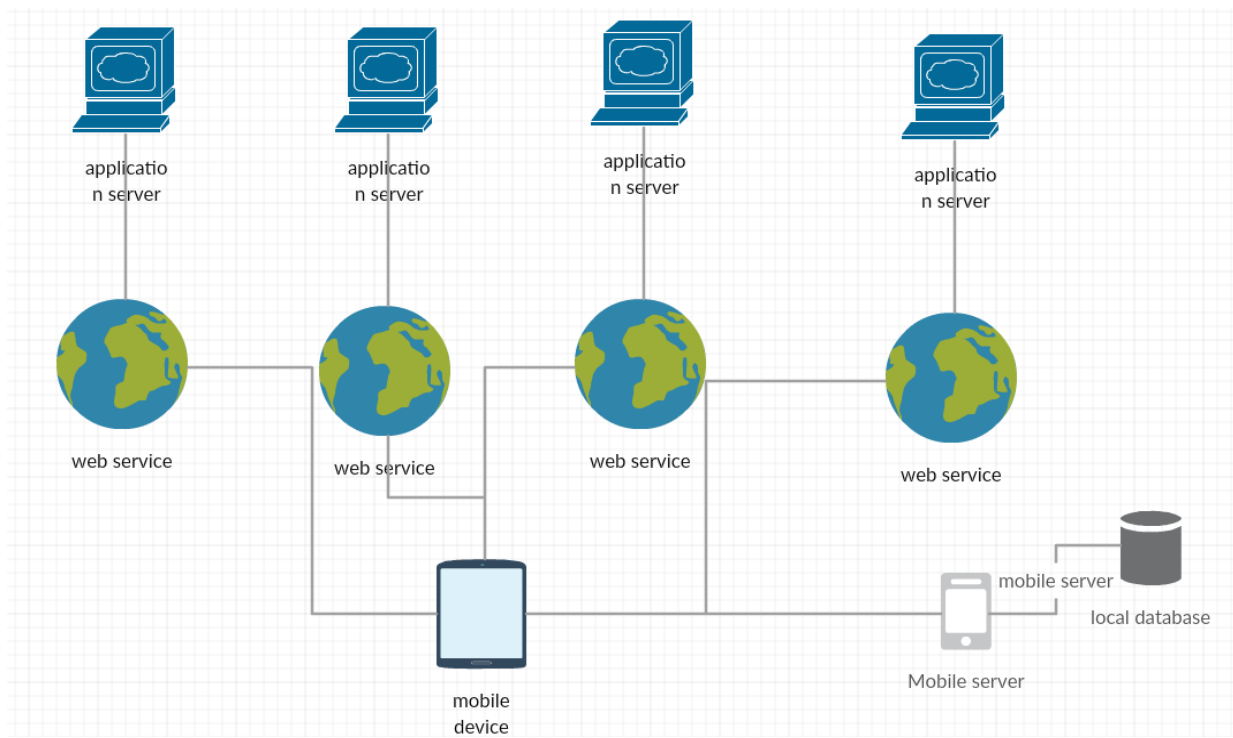
“Sequence Diagram for Home Page:”



“4.2.4 Architecture Diagram:”

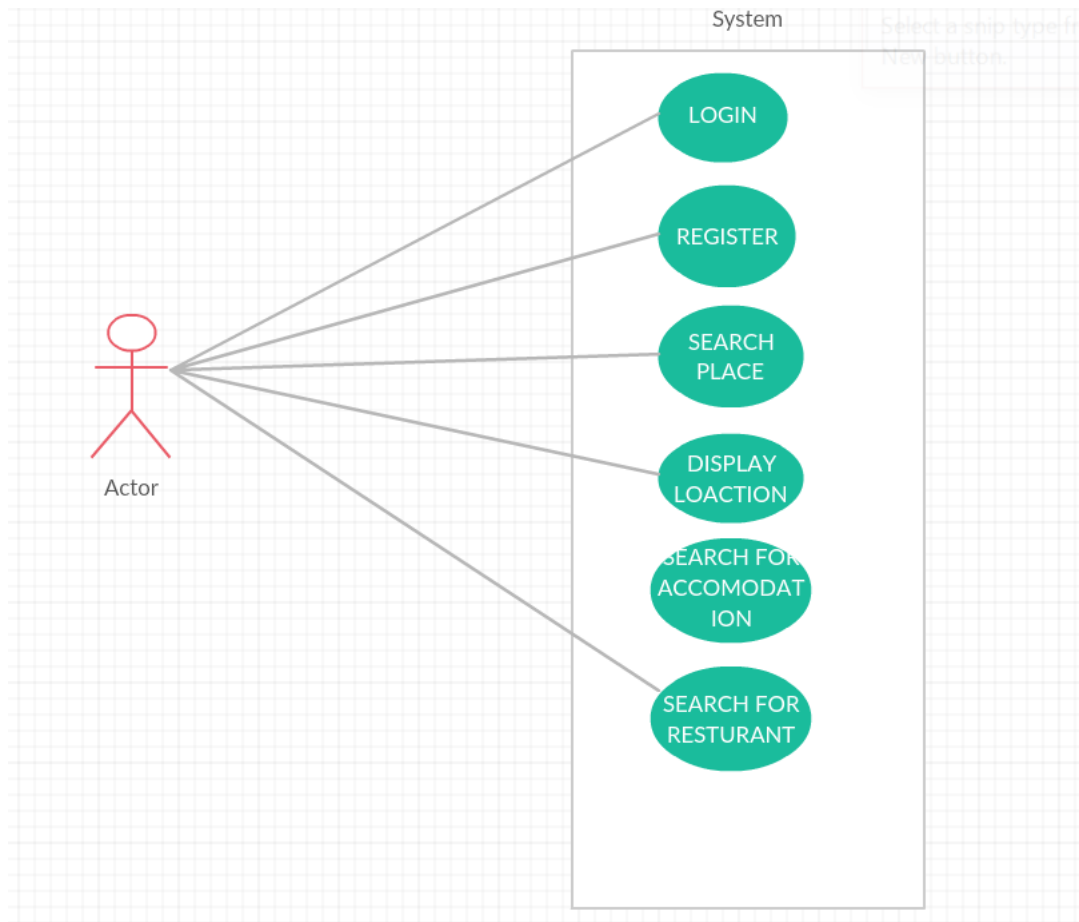
Structure and Behavior of the application is described in the system architecture.





“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

“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



Travel Explorer

EMAIL ADDRESS


Enter Email Id

PASSWORD

Enter Password

LOGIN

REGISTER



Travel Explorer

EMAIL ADDRESS


vp327@mail.umkc.edu

PASSWORD

.....

LOGIN

REGISTER



Travel Explorer

EMAIL ADDRESS

krishna225venkat@gmail.com

PASSWORD

.....

LOGIN

REGISTER

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

@ # \$ % & - + ()


a s d f g h j k l




↑ z * " ' , . ; : < > ?

?123 , [] ^ _ { } ~

password doesn't match


✓





21 4:12

Sample App



Travel Explorer

FIRST NAME

Enter First Name

LAST NAME

Enter Last Name

EMAIL ADDRESS

Enter Email Address

thank

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

@ # \$ % & - + ()

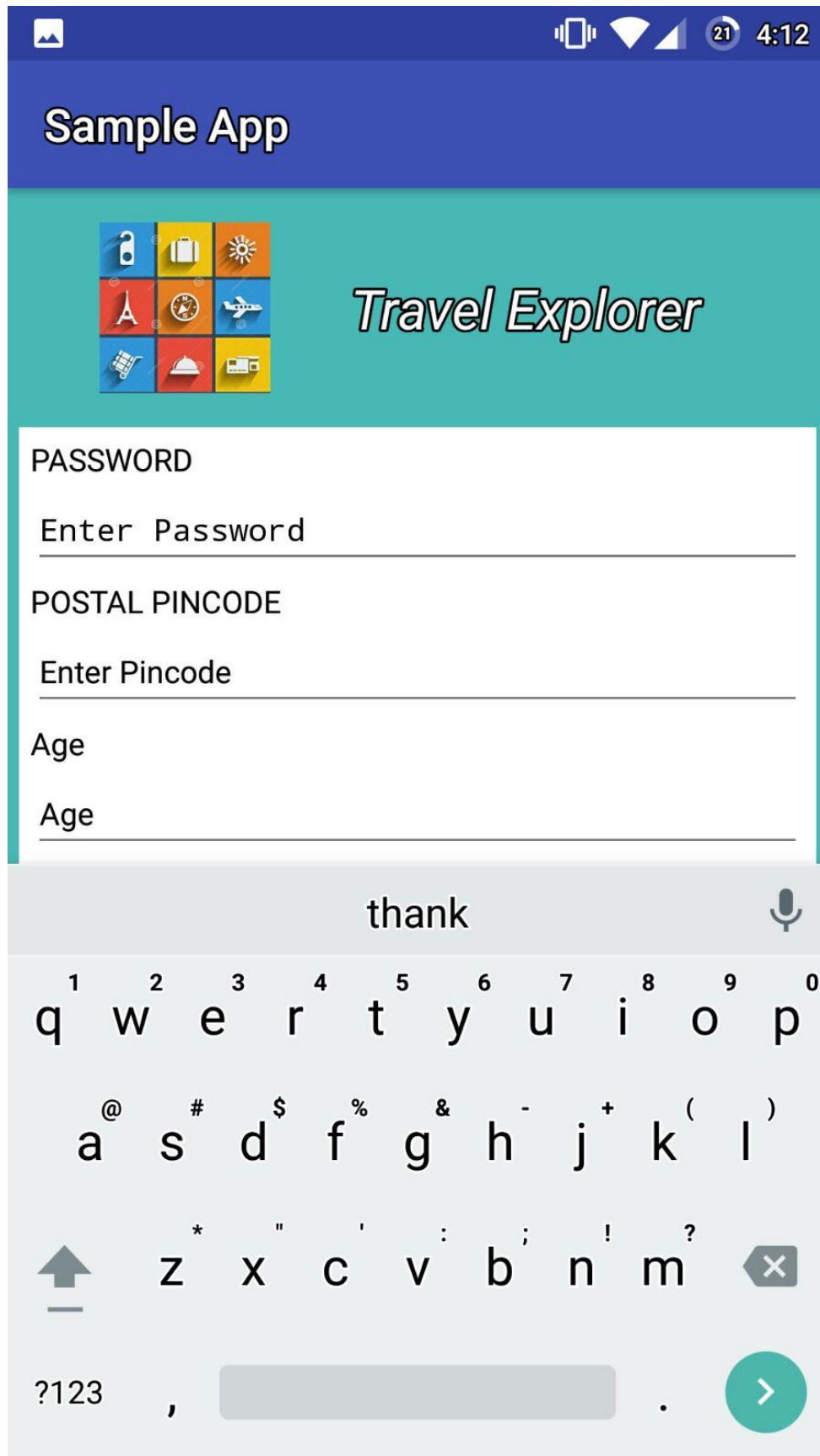
a s d f g h j k l

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z x c v b n m

⌫

?123 , . >



Sample App

Travel Explorer

FIRST NAME

krishna

LAST NAME

venkat

EMAIL ADDRESS

vp327@mail.umkc.edu

PASSWORD

.....

POSTAL PINCODE

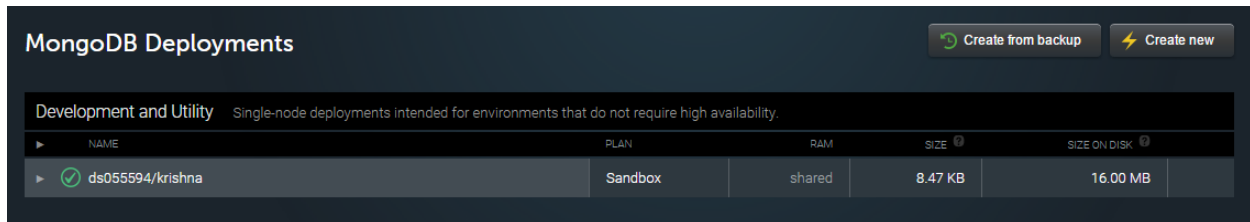
2626

Age

25

REGISTER

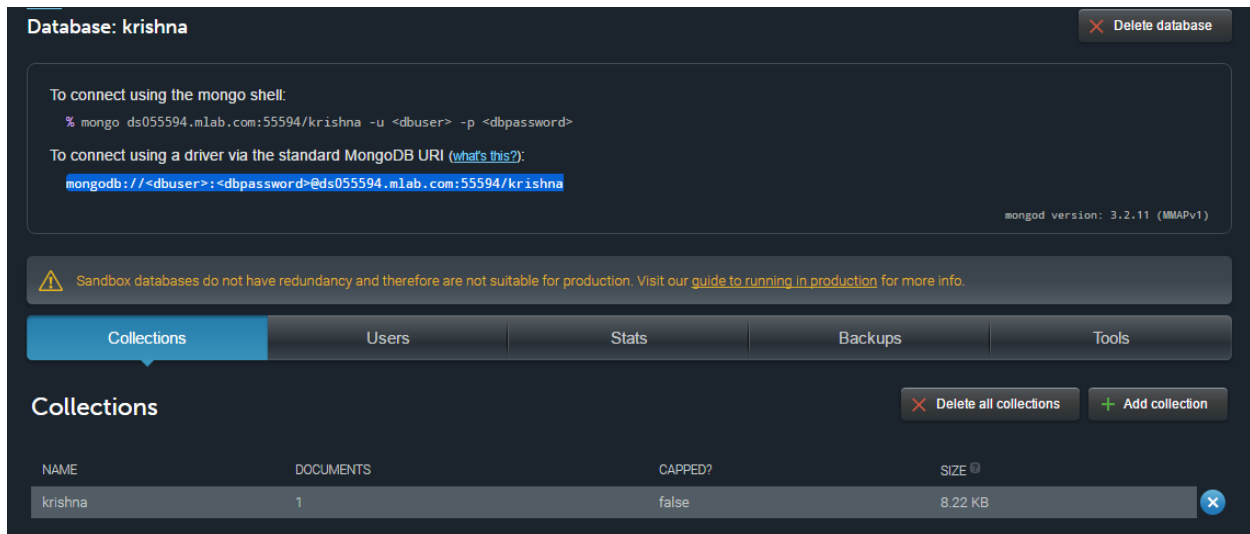
“M-Lab Screenshots:”



MongoDB Deployments Create from backup Create new

Development and Utility Single-node deployments intended for environments that do not require high availability.

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



Database: krishna Delete database

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.

Collections Users Stats Backups Tools

Collections 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-Proposal-1

“6. project management:”

“Implementation Status report”

“Technologies used:” Android Studio, M-lab

“Work Completed:”

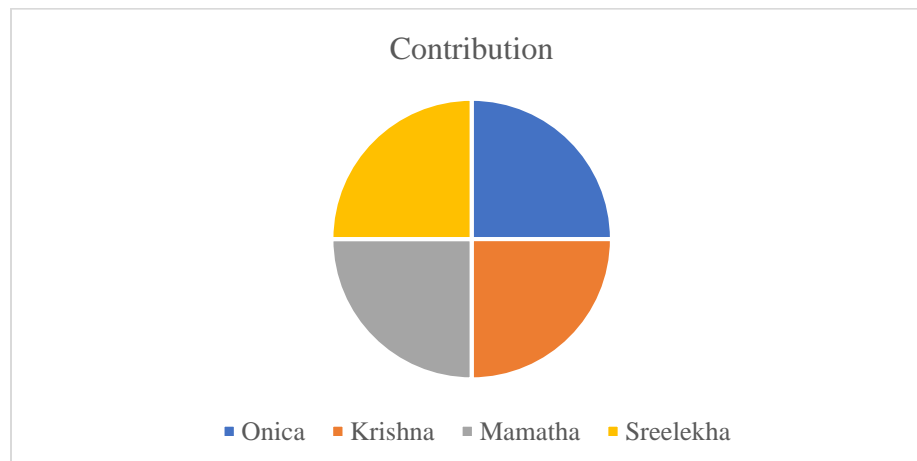
- Designed Architecture of the application
- Designed Login and registration pages
- Collected related information which will be used for further implementation of the Application

“Work to be Completed:”

- Designing Home page
- 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://createely.com/”](https://createely.com/)
- [“https://stackoverflow.com”](https://stackoverflow.com)