

“Project Plan and Third 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 retrieve the information such as places to visit, Food & restaurant availability, Events occurring, Transport facility available in that place.

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 location, contact information, and address along with select date and time attributes will get displayed

2.3.3 This is associated with My Schedule which allows to view his upcoming or current schedules

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 third increment we created four Milestones that is., for Increment-1, Increment-2, Increment-3, Increment-4. Under Increment-2 we have issues regarding Zen-Hub, User Stories and test Cases, Schedule, Updating UI, Updating UI, Modifying UML diagrams

“Mile-Stones Created:”

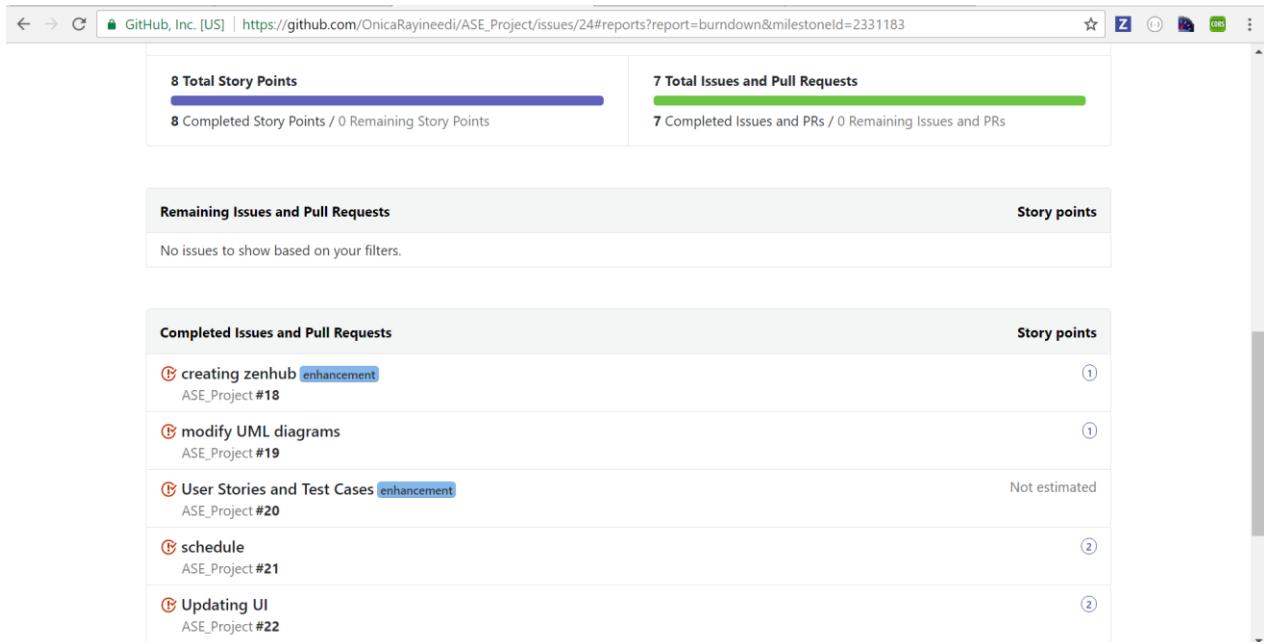
The screenshot shows the GitHub repository page for 'OnicaRayineedi / ASE_Project'. The 'Milestones' tab is selected. There are three milestones listed:

- Increment 3**: Due by April 10, 2017. Last updated 4 minutes ago. Status: 100% complete (0 open, 7 closed). Buttons: Edit, Close, Delete.
- Increment 2**: Past due by about 1 month. Last updated about 1 month ago. Status: 100% complete (0 open, 10 closed). Buttons: Edit, Close, Delete.
- Increment 1**: Past due by about 1 month. Last updated about 1 month ago. Status: 100% complete (0 open, 7 closed). Buttons: Edit, Close, Delete.

Below the milestones, a note says: "This is the milestone for Increment 1".

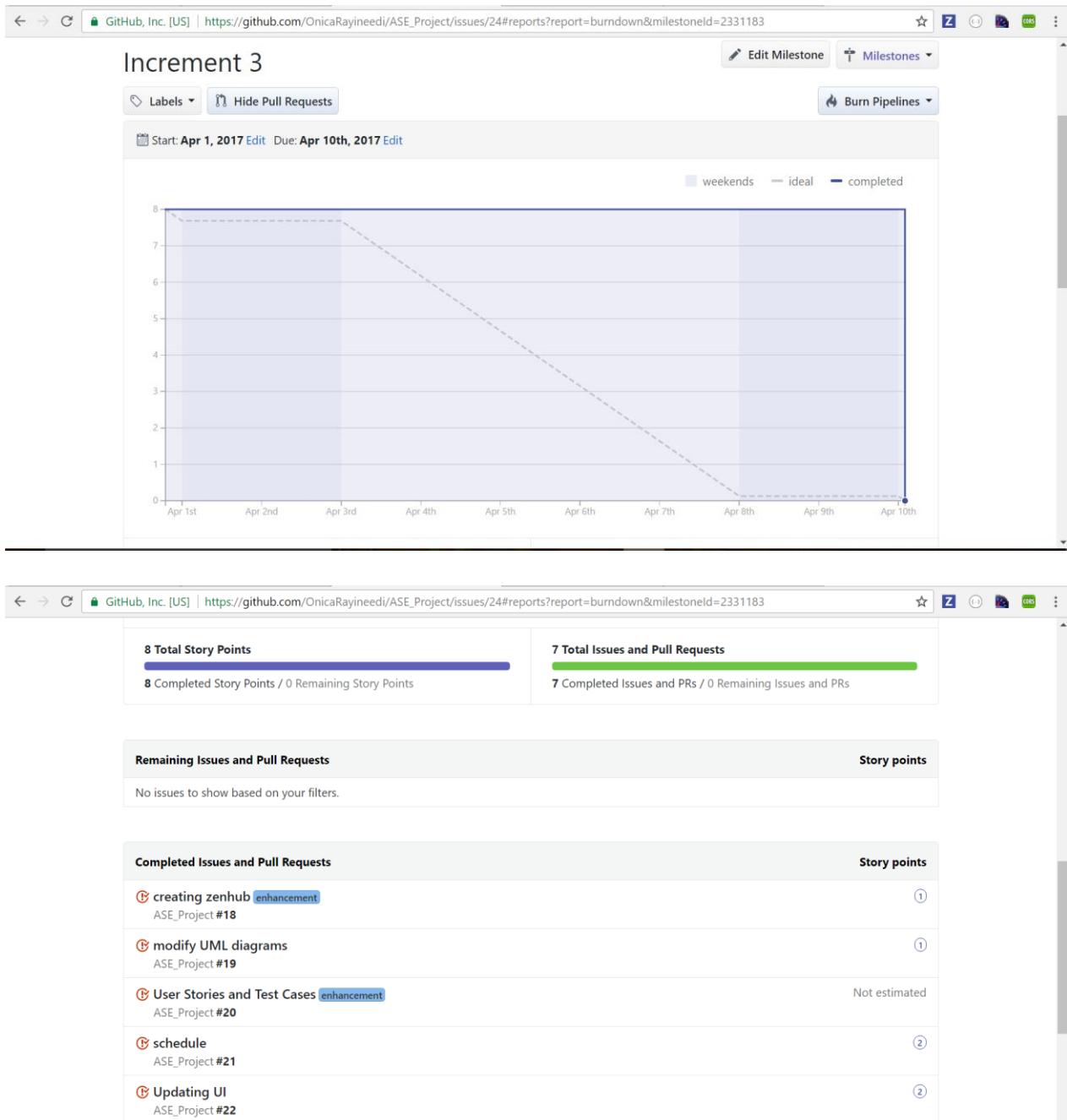
“2. Project Timeline, Members, and Task Responsibility:”

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-3 which the above designed issues created



“4. Third Increment Report”

“4.1 Existing Services/REST API:”

- Facebook API
- Foursquare API
- M-Lab
- Google-Maps

“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

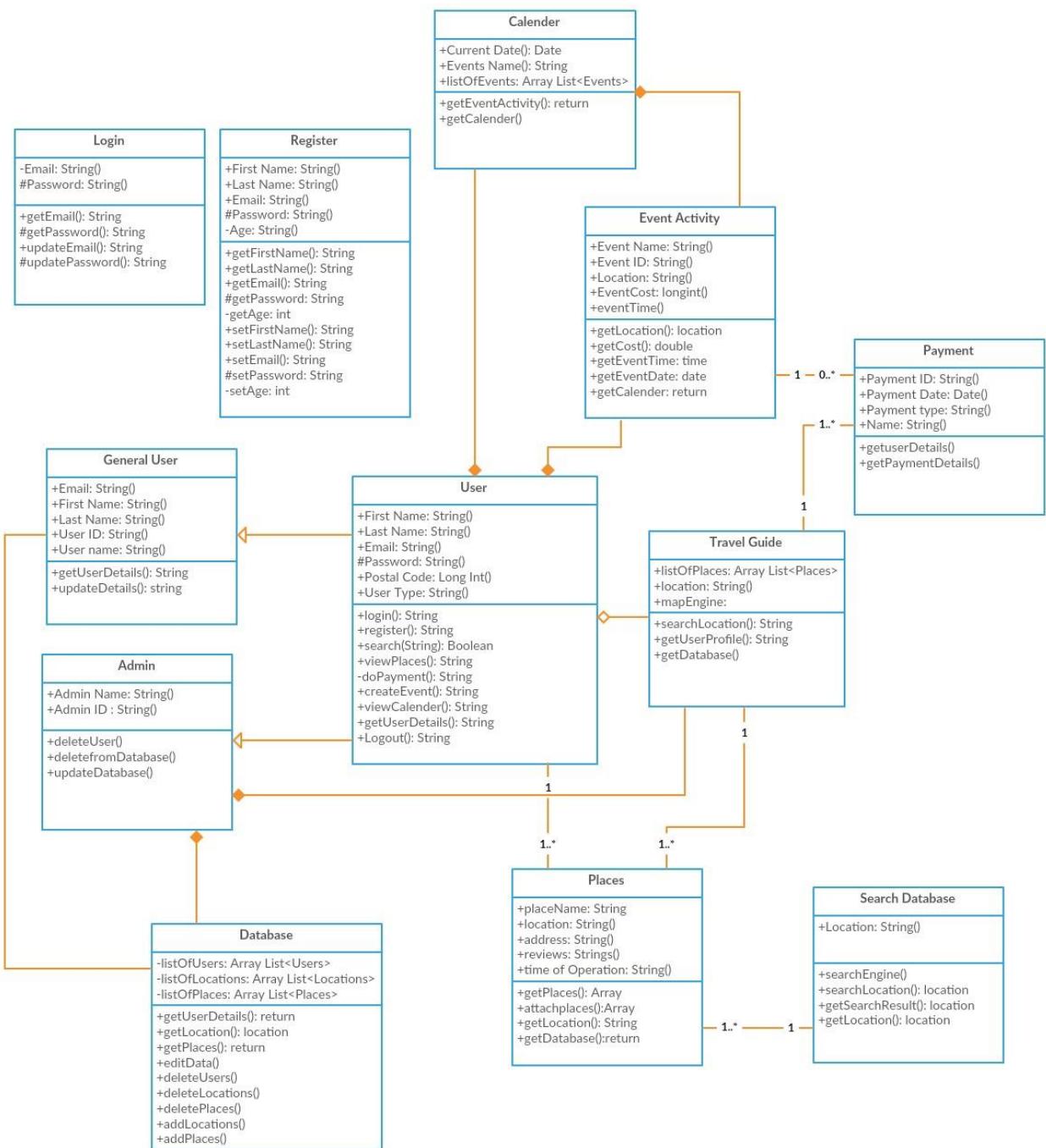


HOME SCREEN



4.2.2 Class Diagram:

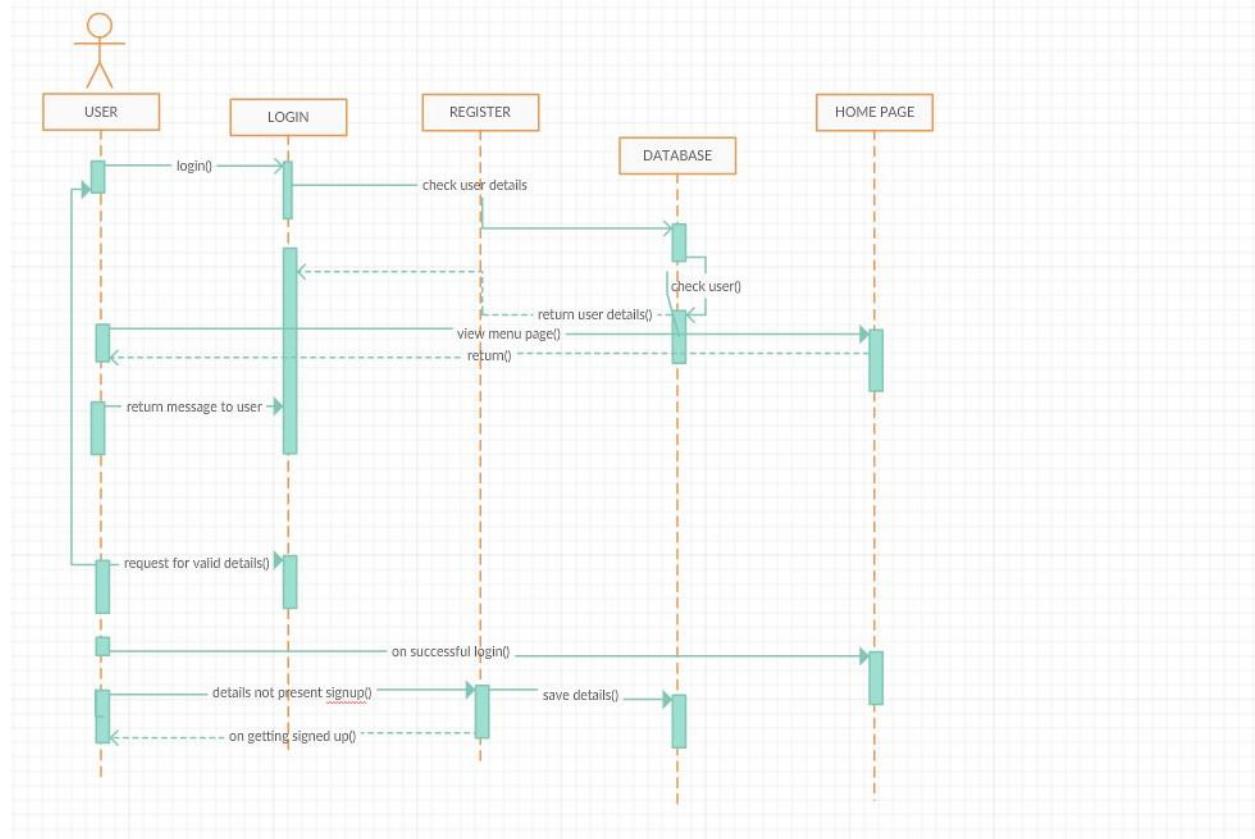
This diagram depicts the static structure of the Application using Classes and their Attributes.



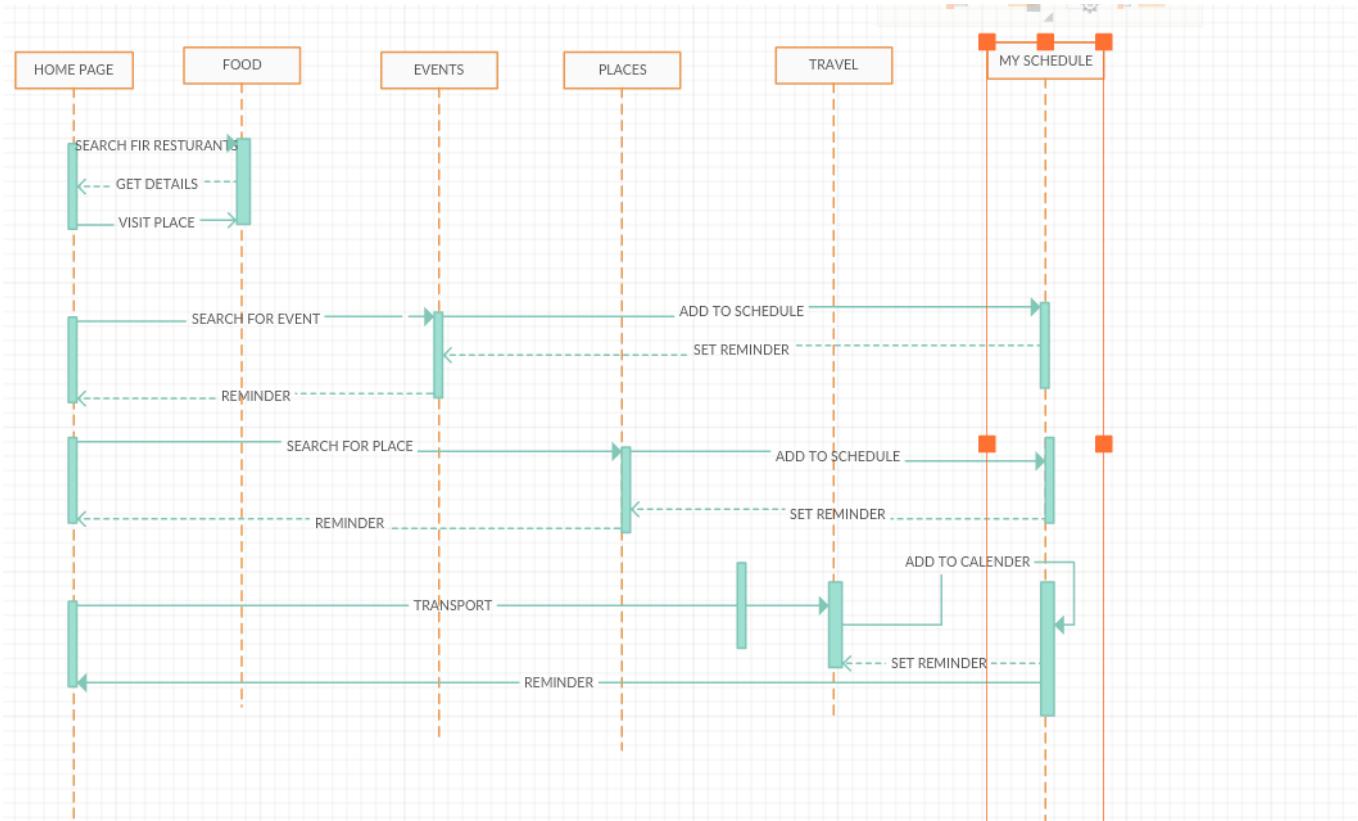
4.2.3 Sequence Diagram:

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

“Sequence Diagram for Login and registration:”

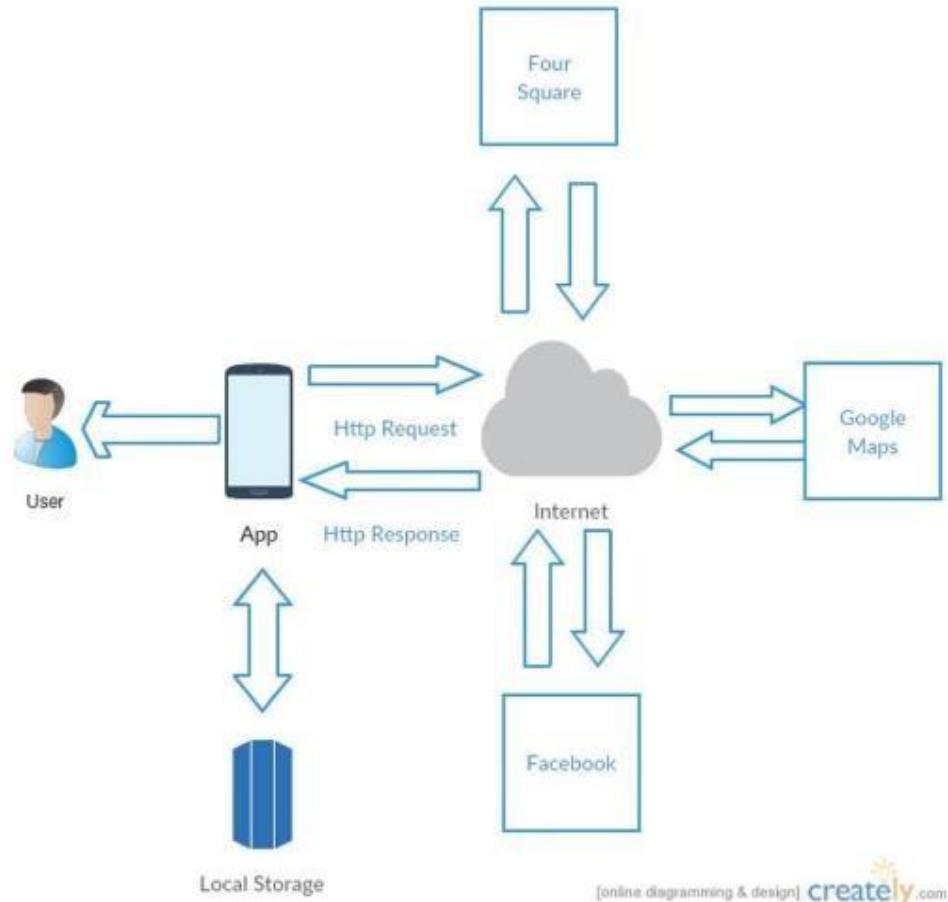


“Sequence Diagram for Home Page:”

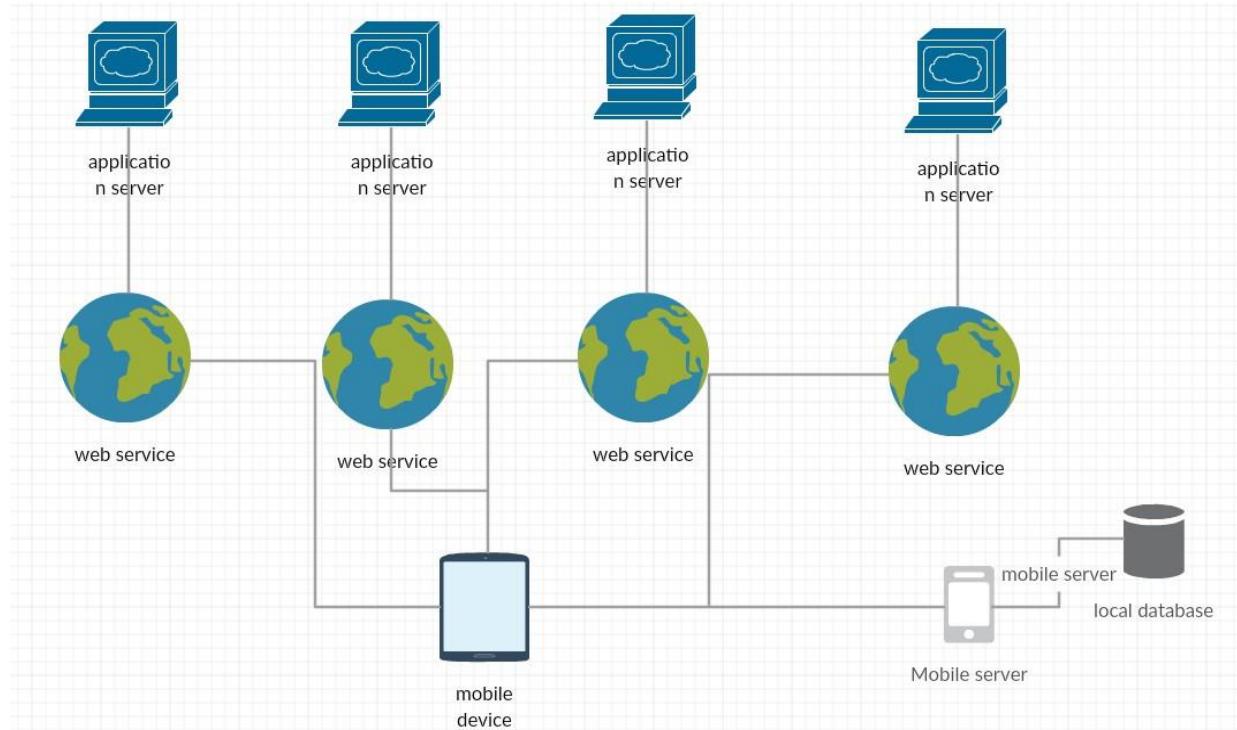


“4.2.4 Architecture Diagram:”

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

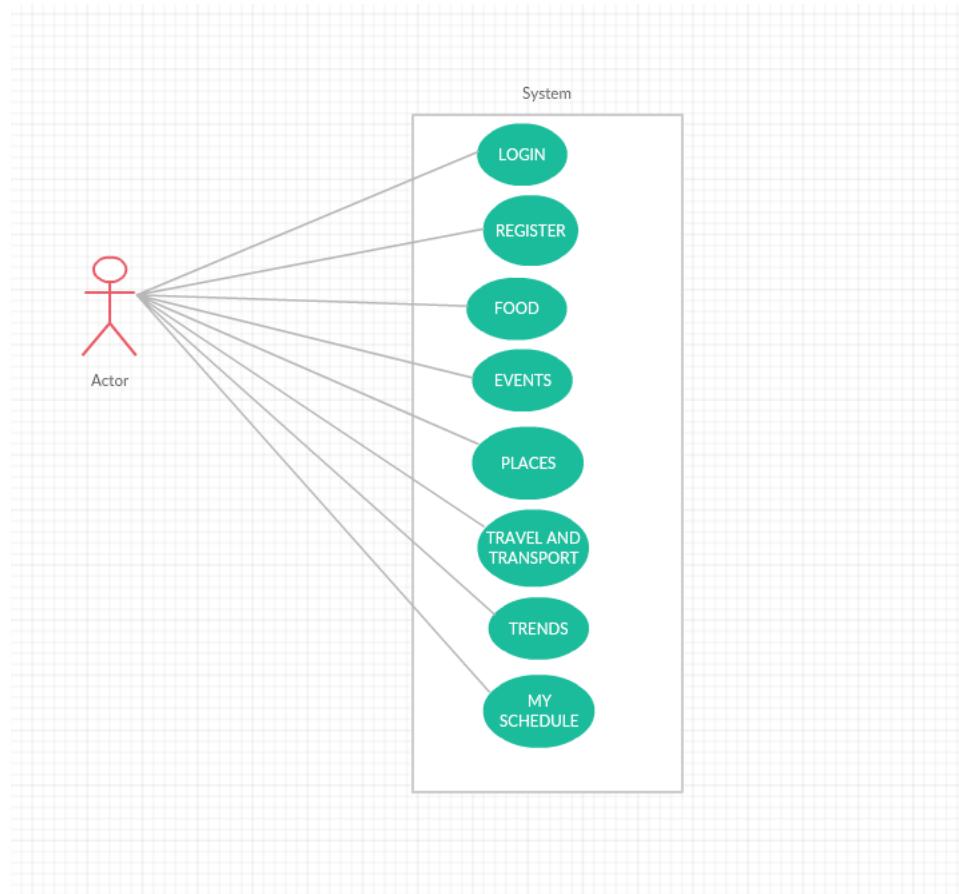


[online diagramming & design]  creately.com



“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 tourist places and events based on my location	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 contact number, Locations, 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:”

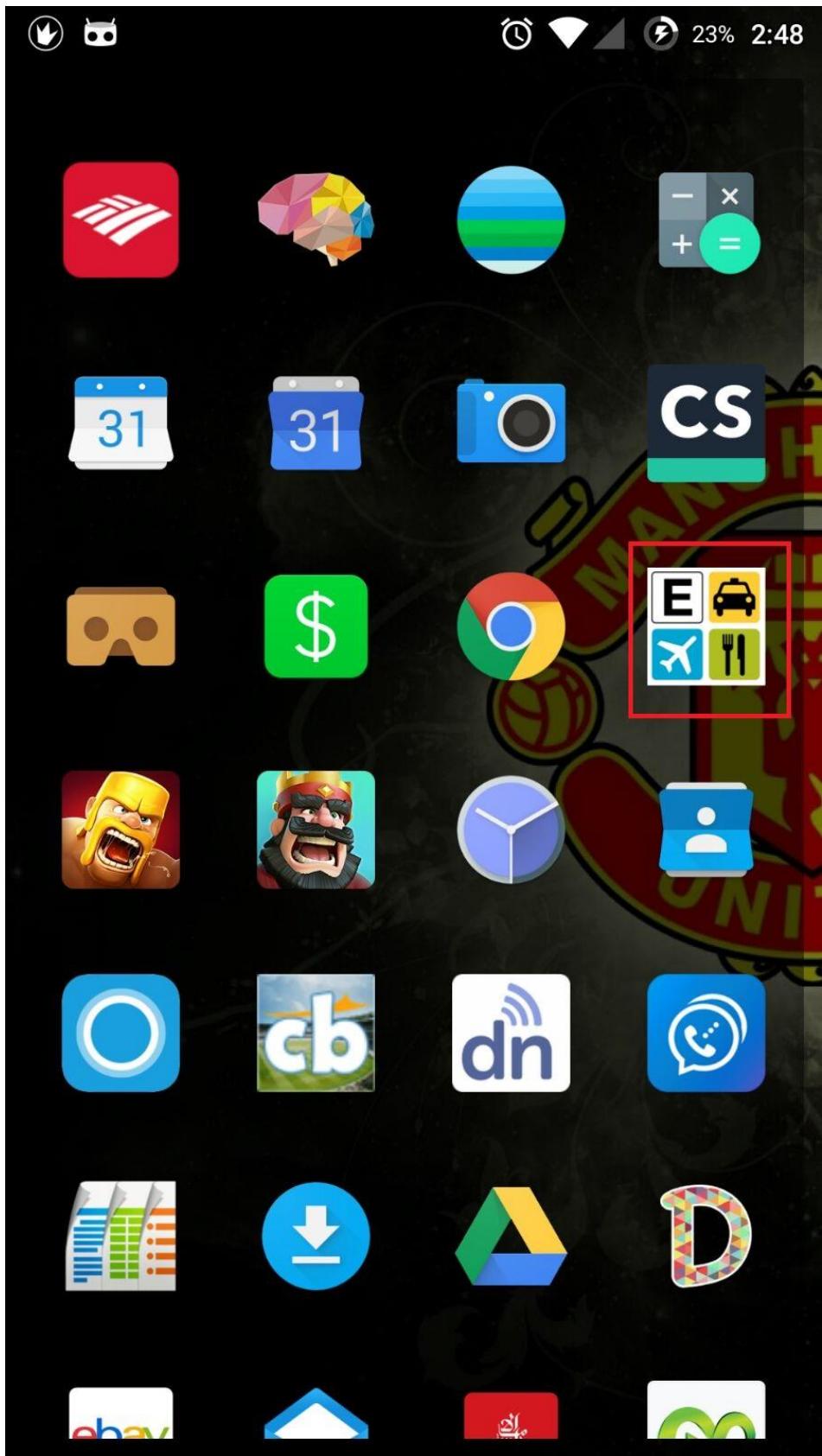
Case	Test Case Description	Expected Result	Actual Result
Events Search	On searching the location	Display the nearby events	PASS
Places Search	On searching the Location	Display the nearby visiting spots	PASS
Get Directions	On clicking on a location	Display G-Maps linked with the location along with the address and Contact Info	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 food, events, travel and transport, places, and trends icons
- By clicking on the respective icons, you can find the results accordingly
- By clicking on each results, Address and Location of the respective result will get displayed along with the G-map also choose date and time attributes are also present where the user can choose date and time to schedule his event
- Events scheduled can be viewed by clicking on My Schedule Icon
- These Events are stored in M-Lab and can be retrieved when the user clicks My Schedule Icon
- A delete button is present in extreme right which enables the user to delete the event if necessary





23% 2:48

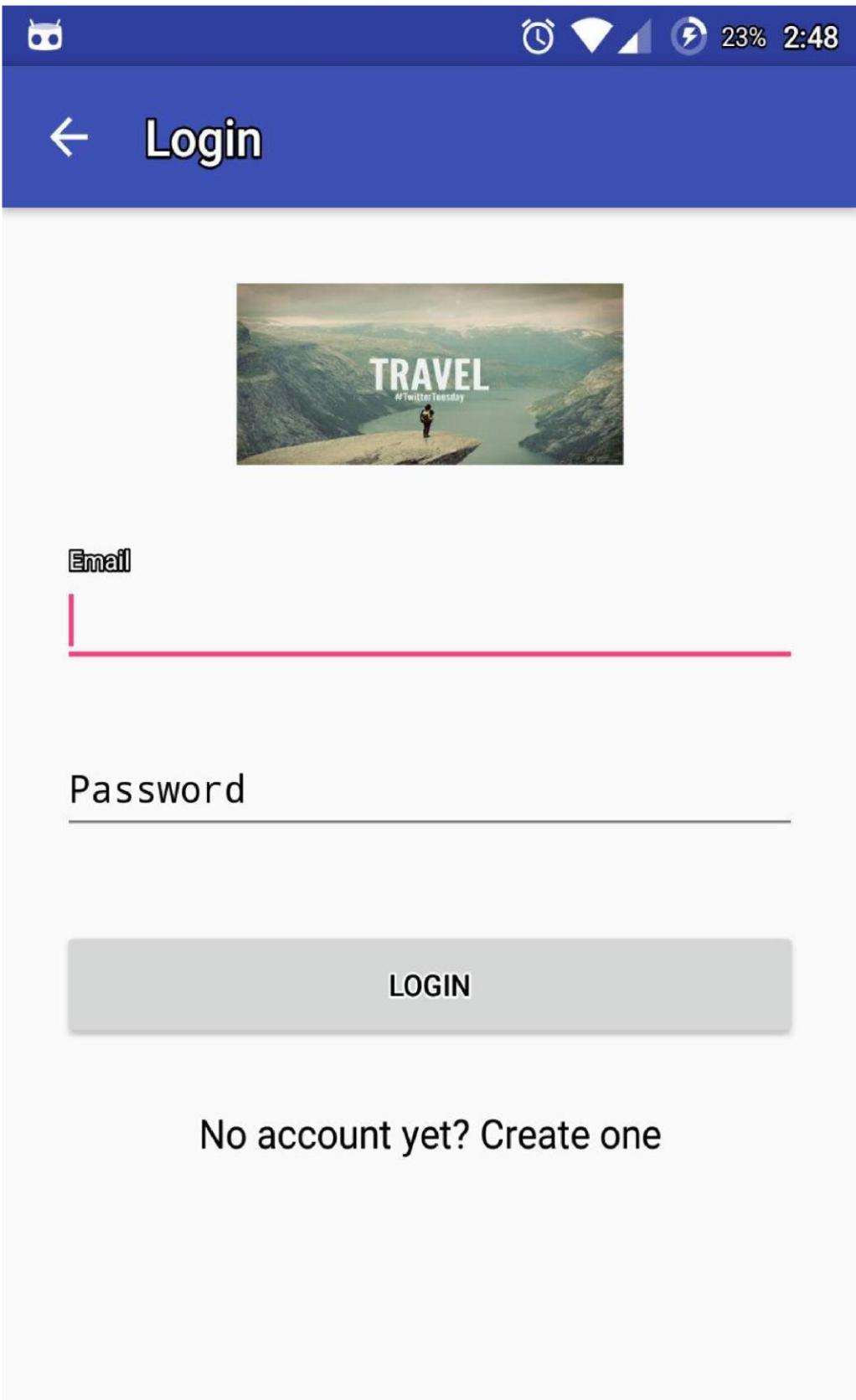
City Guide

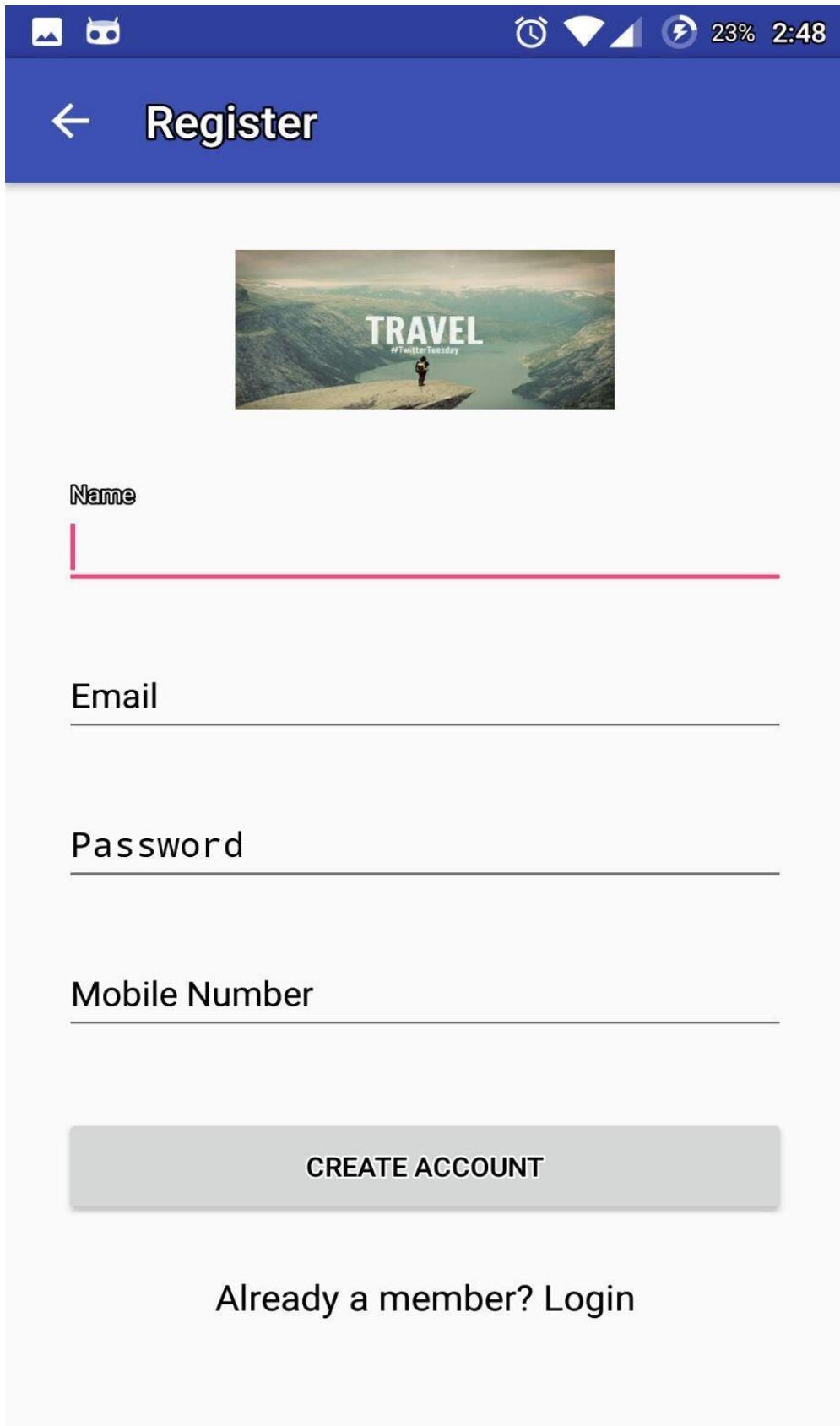


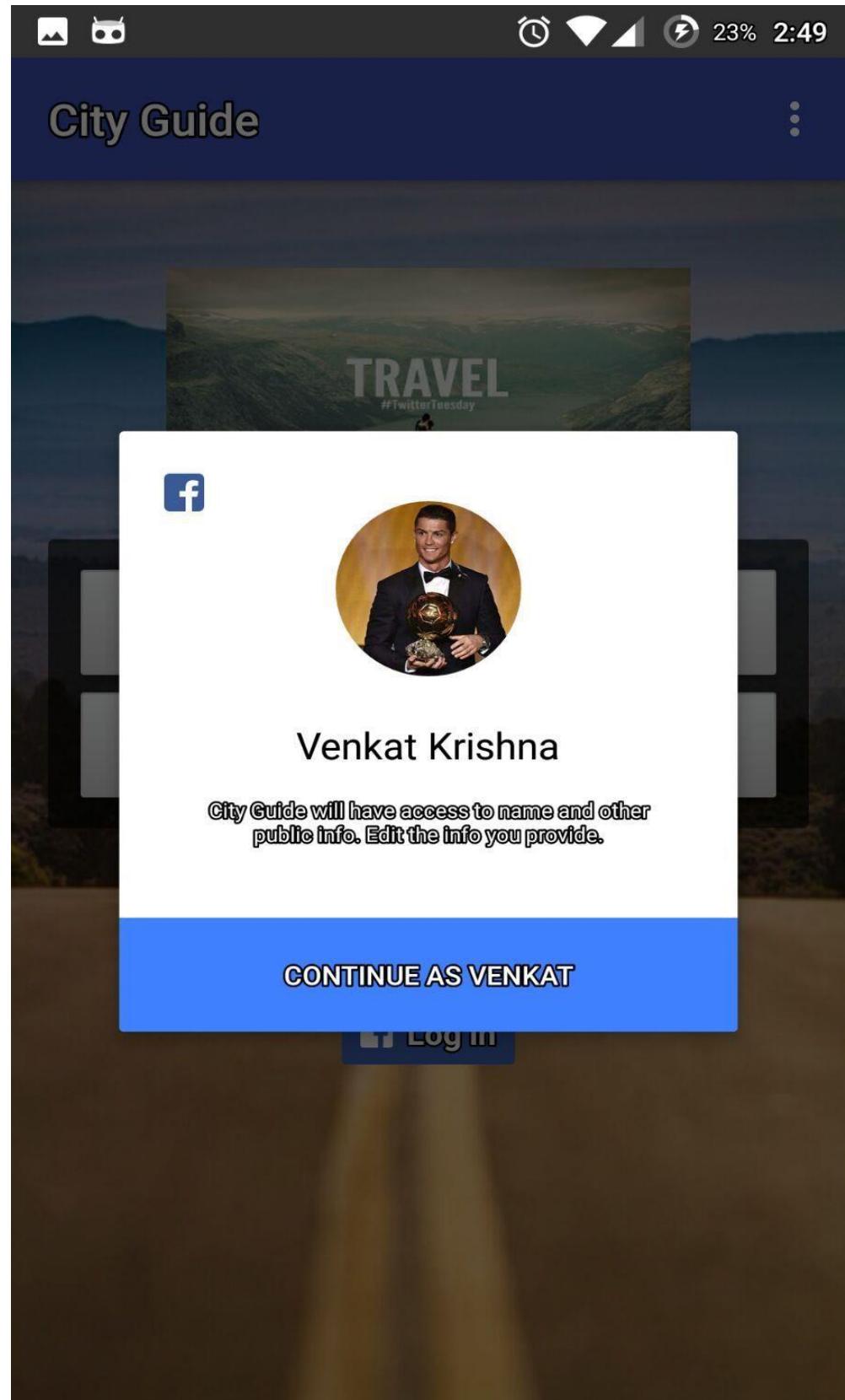
LOGIN

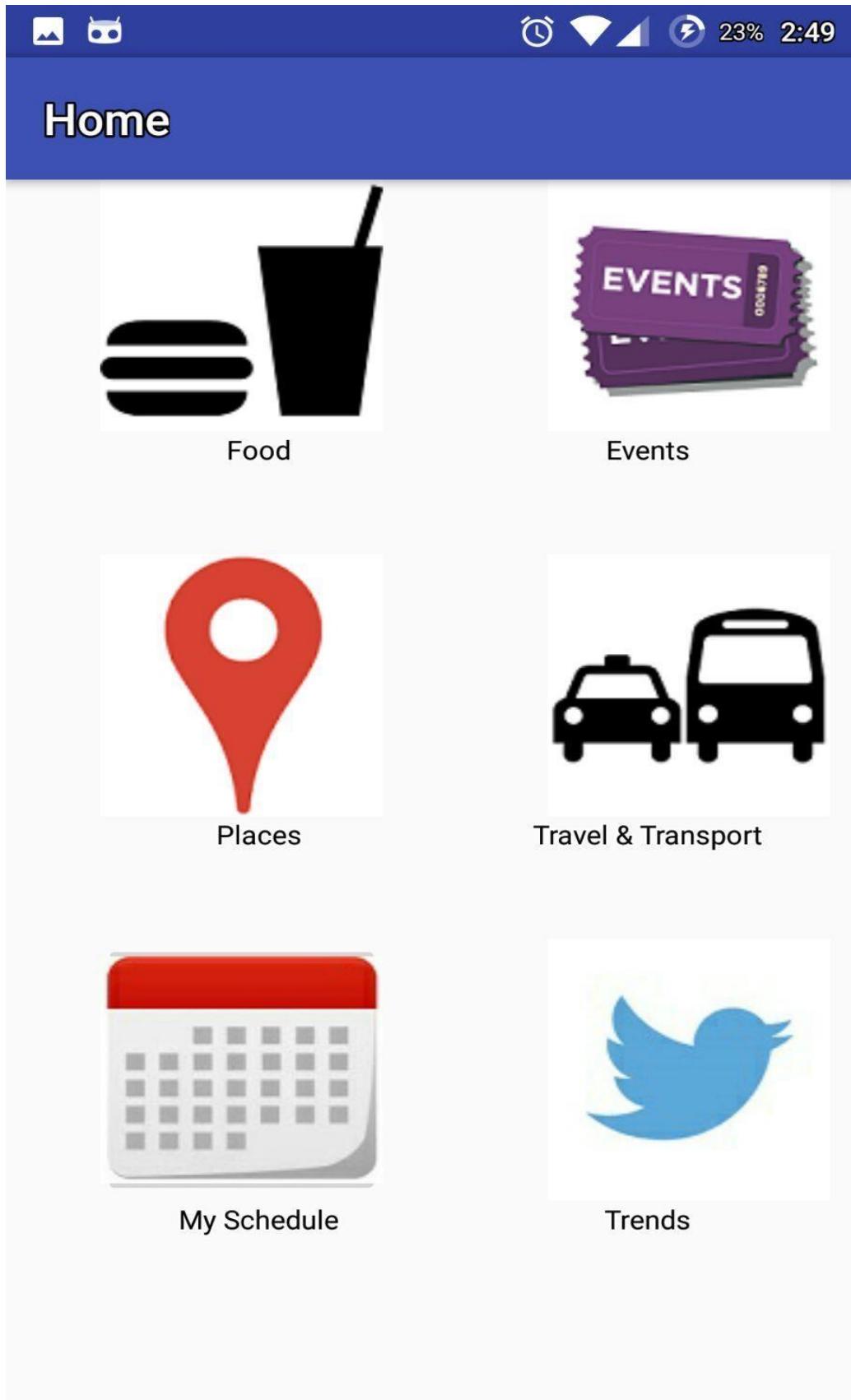
REGISTER

Log out











23% 2:49

You Search Results



Kansas City Marriott Downto

Kansas City



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

Kansas City



Sheraton Overland Park Hotel the Convention Center

Overland Park



Kansas/Missouri State Line

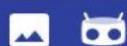
Kansas City



Union Station Kansas City, In

Kansas City

Car Rental Center



23% 2:49

You Search Results



Grandview Triangle

Kansas City



DoubleTree by Hilton Hotel Kansas City-Overland Park

Overland Park



Overland Park Marriott

Overland Park



I 70 & 635

Kansas



Ameristar Casino Hotel Kansas City

Kansas City



⌚ ⌂ ⚡ 23% 2:49

You Search Results



Flying Saucer

Kansas City



Mildred's Coffeehouse

Kansas City



Char Bar

Kansas City



Joe's Kansas City Bar-B-Que

Kansas City



Starbucks

Kansas City



23% 2:49

You Search Results



Starbucks

Kansas City



Black Dog Coffeehouse

Lenexa



Argosy Casino Hotel & Spa

Riverside



Starbucks

Overland Park



Hollywood Casino at Kansas Speedway

Kansas City



23% 2:49

You Search Results



AMC Studio 30 with IMAX and Dine-in Theatres

Ola



Cinemark Palace

Kansas City



AMC Town Center 20

Leawood



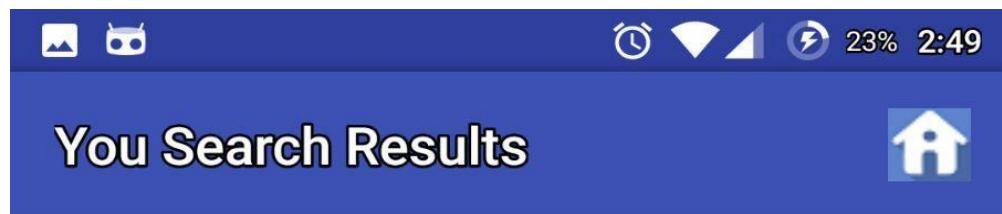
Hollywood Casino at Kansas Speedway

Kansas City



Silverstein Eye Centers Arena

Independence



Sprint Center

Kansas City



Kansas City Convention Cent

Kansas City



Nelson-Atkins Museum of Ar

Kansas City



AMC BarryWoods 24

Kansas City



Alamo Drafthouse Mainstree

Kansas City



AMC Ward Parkway 14



23% 2:49

You Search Results



Olathe Mayor Christmas Tree Lighting

Ola



Crabaugh das Haus

Kansas



KCP&L Plaza Lights

Kansas City



Wabash Cannonball Gala

Overland Park



Crystal Pavilion

Independence



Salsa @ The Chesterfield Clu



Kansas City

GameOn



North Kansas City

Fontainebleau Clubhouse



Overland Park

The SPOTT Lifestyle and Swingers Club of Kansas City



Kansas City

First Friday Film Festival - 4F



Kansas City

2016 Main Event Space



Crowne Plaza Kansas City Downtown

1301 Wyandotte St (at W 13th
St) Kansas City, MO 64105 United
States

Contact : (816) 474-6664

Choose Date

Venue Details

Crowne Plaza Kansas City Downtown

1301 Wyandotte St (at W 13th
St) Kansas City, MO 64105 United
States

Contact : (816) 474-6664

Choose Date

Venue Details

A map of the Kansas City area, specifically the downtown and surrounding suburbs like Parkville, North Kansas City, and Raytown. A red marker indicates the location at 4445 Main St. in the central business district.

1301 Wyandotte St (at W 13th St) Kansas City, MO 64105 United States

Contact : (816) 474-6664

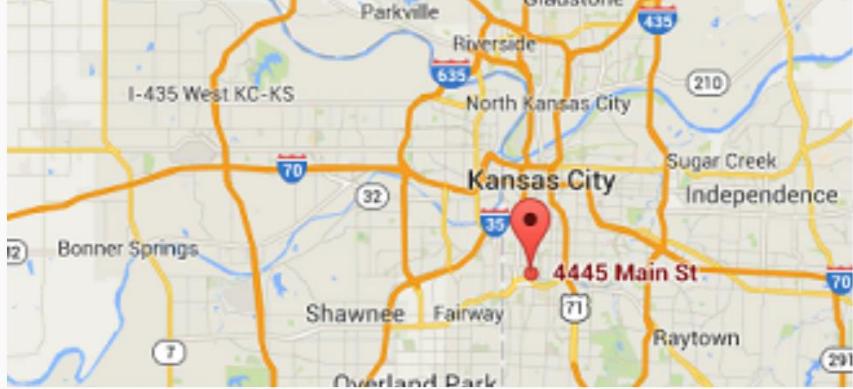
Choose Date
2017-3-10

Choose Time
6:32

SCHEDULE IT

10% 6:32

Venue Details



Harrah's Casino

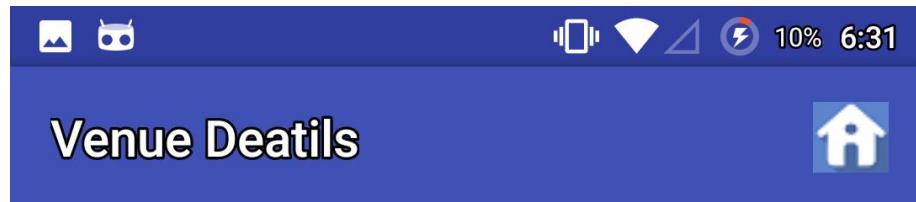
1 Riverboat Dr (Armour Rd) Kansas
City, MO 64116 United States

Contact : (816) 472-7777

Choose Date

Choose Time

SCHEDULE IT



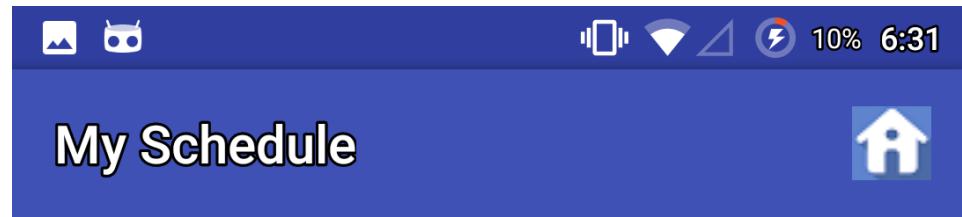
Johnny's Tavern

1310 Grand Blvd (btwn E 13th & 14th
St) Kansas City, MO 64106 United
States

Contact : (816) 268-2260

Choose Date

Choose Time



My Schedule



Johnny's Tavern

Date : 2017-3-10

Time : 6:31





Crowne Plaza Kansas City Downtown

Date : 2017-3-10



Harrah's Casino

Date : 2017-3-10



Time :

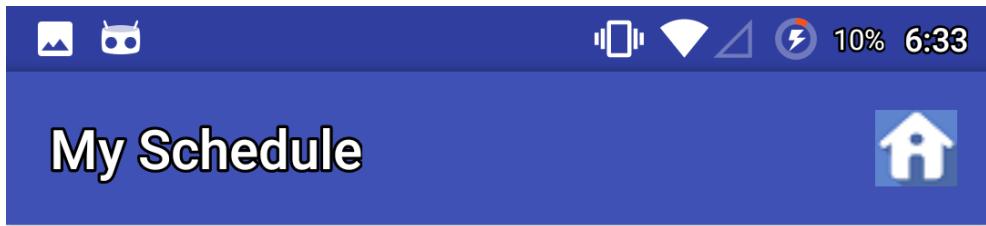


Harrah's Casino

Date : 2017-3-10



Time : 9:32



Johnny's Tavern

Date : 2017-3-10

Time : 6:31



Crowne Plaza Kansas City Downtown

Date : 2017-3-10

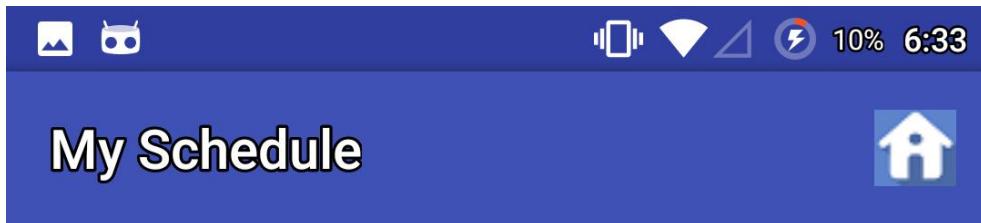


Harrah's Casino

Date : 2017-3-10

Time :





Crowne Plaza Kansas City Downtown

Date : 2017-3-10



Harrah's Casino

Date : 2017-3-10

Time :



“M-Lab Screenshots:”

The screenshot shows the MongoDB Deployments interface. At the top, there are two buttons: "Create from backup" (with a circular arrow icon) and "Create new" (with a lightning bolt icon). Below this is a table titled "Development and Utility" with a subtitle "Single-node deployments intended for environments that do not require high availability." The table has columns: NAME, PLAN, RAM, SIZE, and SIZE ON DISK. One row is visible, showing "ds055594/krishna" with a green checkmark, "Sandbox" as the plan, "shared" as RAM, 8.47 KB as size, and 16.00 MB as size on disk.

The screenshot shows the MongoDB Database interface for the "krishna" database. At the top, it says "Database: krishna" and has a "Delete database" button. Below this is a section for connection instructions:

- 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

At the bottom of this section, it says "mongod version: 3.2.11 (MMAPv1)".

Below these instructions is a warning message: "⚠️ Sandbox databases do not have redundancy and therefore are not suitable for production. Visit our [guide to running in production](#) for more info."

There are five tabs at the top of this section: Collections (which is selected), Users, Stats, Backups, and Tools. To the right of the tabs are buttons for "Delete all collections" (with a red X) and "Add collection" (with a green plus sign).

The screenshot shows the MongoDB Collections interface for the "krishna" collection. It has a header with tabs: Collections (selected), Users, Stats, Backups, and Tools. To the right are buttons for "Delete all collections" (red X) and "Add collection" (green plus sign). The main table has columns: NAME, DOCUMENTS, CAPPED?, and SIZE. One row is visible: "krishna" with 1 document, false for capped, and 8.22 KB in size. There is also a blue circular "X" button to the right of the size column.

“GitHub Wiki Link:”

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

“6. Project Management”

“Implementation Status report:”

“Technologies used:” Android Studio, M-lab

“Work Completed:”

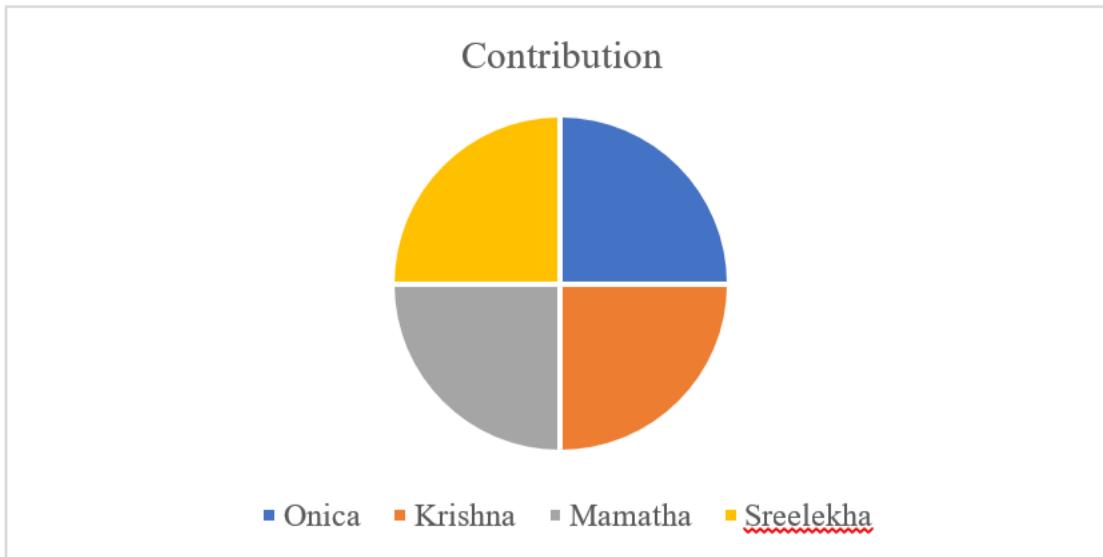
- Designed Architecture of the application
- Designed Login and registration pages
- Collected related information which will be used for further implementation of the Application
- Designing home page
- Database implementations

“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>