City Guide – Final Report

Under the Guidance of :

Prof. Yugyung Lee

By,

Team -15

Muktevi, Venkata Sathya Vamsi Krishna (31)
Tummala, Vijay Kumar Tummala (55)
Murakonda, Sravani (34)
Panja, Kumara Satya Gopal (41)

Advanced Software Engineering

UMKC
UNIVERSITY OF MISSOURI
KANSAS CITY

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1 Project Deployment:

Introduction:

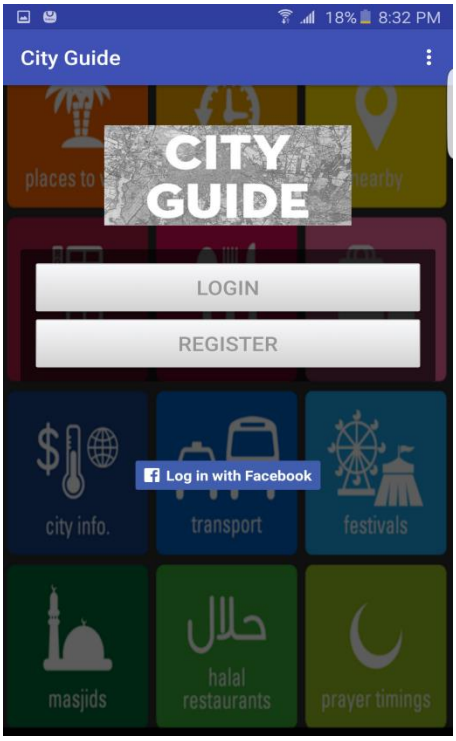
We have several tourist/visitors struggling a lot by browsing many different websites for gathering information about the restaurants, transport, entertainment, places, events etc., when they visit a new place/city. They have to make note of all the information they like and sort they out manually to plan a tour schedule. All these takes a lot of time, so avoid this and make users tour a memorable part of their life, we came up with an idea of developing an application. This application is a one stop platform for the users, where we integrate information from different web services APIs and provide them to users in a customized and user friendly interface based on the search criteria. Also users can short list their preferences and make a tour schedule using the application.

Our main objective is to integrate all the useful web services that provide information about restaurants, entertainment, transport, events and places on to a single platform. This application also allows user to prepare a schedule of the day visits by combining all the information in the user's schedule page. This app avoids users from browsing different websites and wasting time in gathering information and making a pen-paper schedule. Based on user information and history of visits we make the search pattern more user friendly.

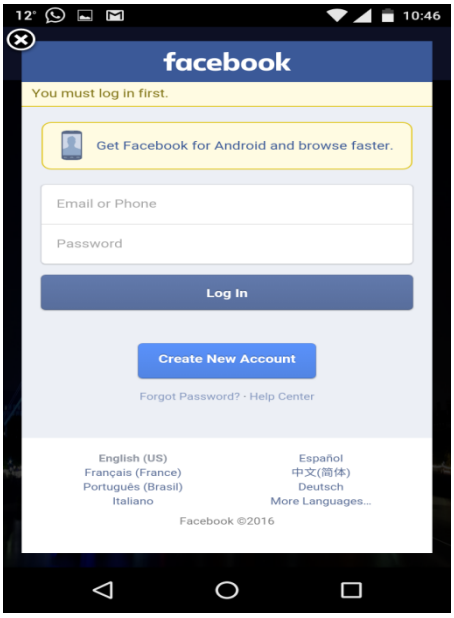
User Manual:

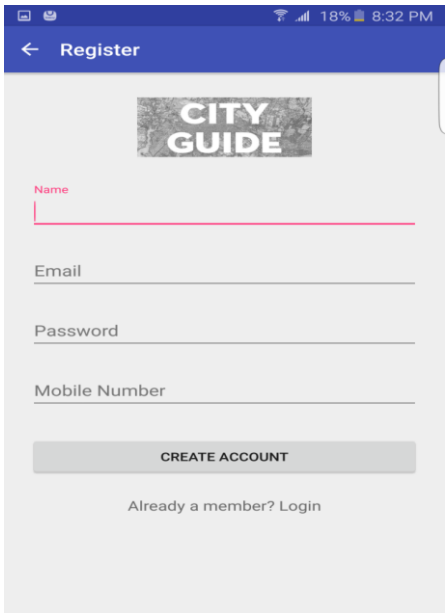
How to use the application:

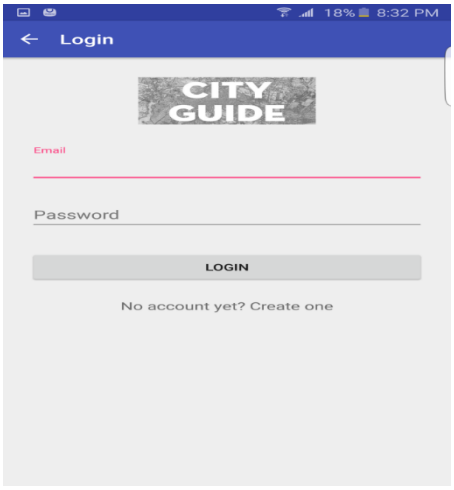
- The user can see the main page when the user clicks on the icon.



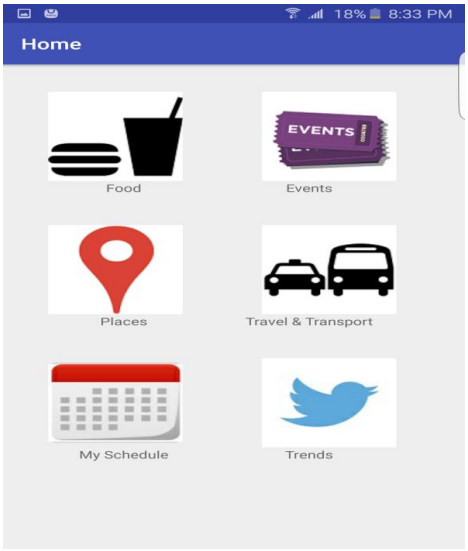
- The user can register with the app and do a login or do a facebook login to enter the app.


12°
10:46
facebook
You must log in first.
Get Facebook for Android and browse faster.
Email or Phone
Password
Log In
Create New Account
Forgot Password? · Help Center
English (US)
Français (France)
Português (Brasil)
Italiano
Español
中文(简体)
Deutsch
More Languages...
Facebook ©2016

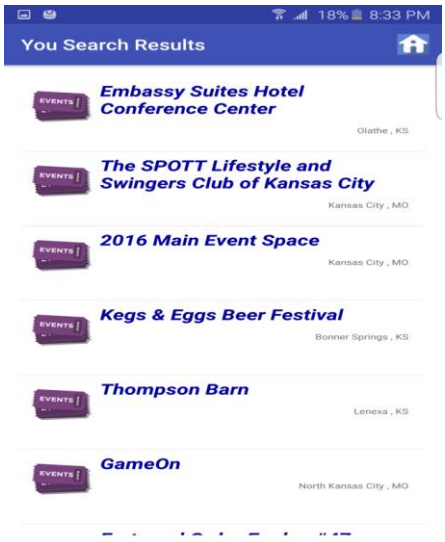

18% 8:32 PM
Register
CITY GUIDE
Name
Email
Password
Mobile Number
CREATE ACCOUNT
Already a member? Login



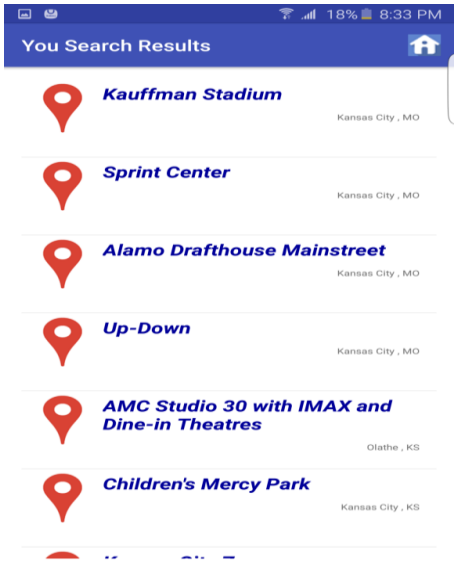
- Once the user logs in the user will be redirected to home screen of the application where the user will have the option for searching nearby restaurants or famous places or events or trends that are happening nearby his location and option to view previously scheduled visits.

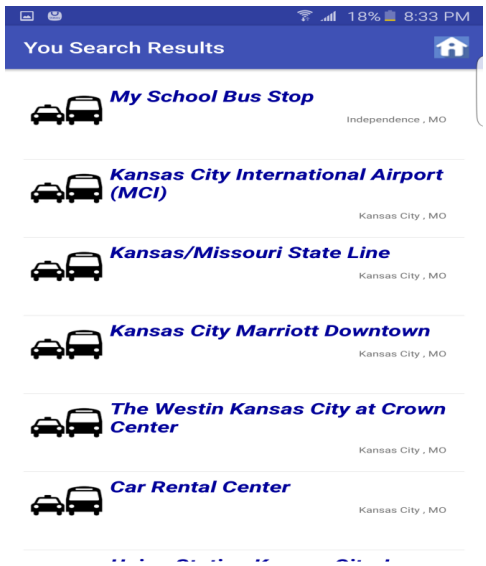


- Once user clicks on any one of the option he will be redirected to the respective search results list page.

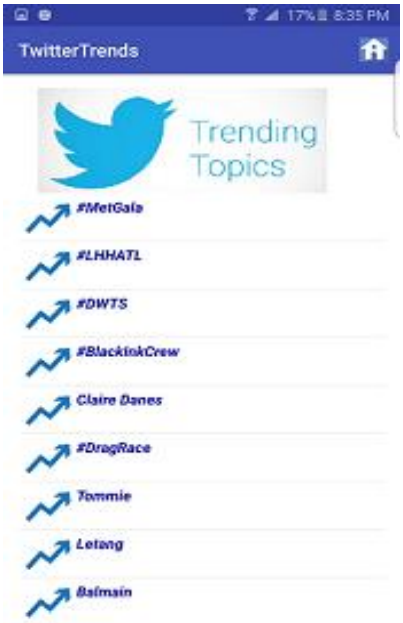


This is the list page for famous places and nearby transit stations.



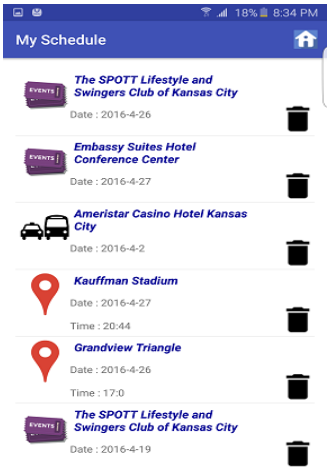


- Once the user clicks on the trends icon the user will be redirected to the trends screen.



- Once the user clicks on any one of the item in list the user will be redirected to the details page. Here the user is provided with the details of the venue such as the address of the venue, contact number of that particular venue and the map location of the venue. Here the user can also schedule his visit to that particular venue.

- The user can also check his previously scheduled visits to the venues by clicking on myschedule option on home screen.



This is a brief walkthrough of the application. The user can go through the above mentioned steps and take full advantage of the features provided by the app.

There are no bugs from the feature which we have developed in this application. We are planning to implement some machine learning algorithms to analyze users visit patterns and provide suggestions to the users based on his previous search results. This will provide a better user experience.

2 Project Management:

The development of the entire application has been done by all the team members with equal distribution and co-operation amongst each other. The entire distribution of work is as follows:

Team Member 1:

Name: Muktevi, Vamsi Krishna
ClassID: 31
Contribution: 25%
Tasks Accomplished: Facebook Login integration, Twitter trends REST service and integrating it with the app, Wireframes, designing and integration of Mongo database and Google maps integration.

Team Member 2:

Name: Tummala, Vijay Kumar
Class ID: 55
Contribution: 25%
Tasks Accomplished: Designing and implementing Schedule Page, implemented login feature, implementing signup feature, implementing date picked for Schedule Page, Documentation.

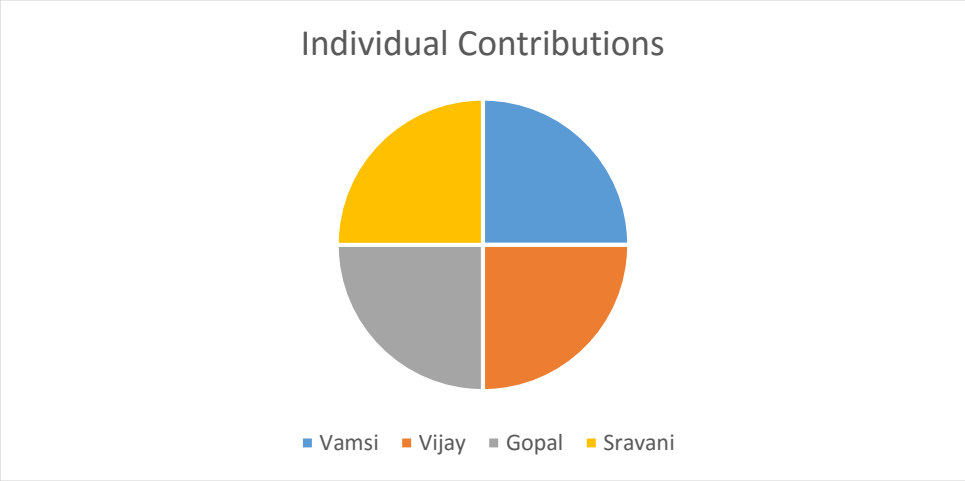
Team Member 3:

Name: Panja, Kumara Satya Gopal
Class ID: 41
Contribution: 25%

Tasks Accomplished: Designing user interface for home screen, development of user interface for details screen and for the list screen. Integrating with foursquare for obtaining restaurants and events.

Team Member 4:

Name: Murakonda, Sravani
Class ID: 34
Contribution: 25%
Tasks Accomplished: UML Diagrams, integrating with foursquare for obtaining the nearby transit options and famous places, Integration testing and regression testing.
Below is a pie chart that depicts the individual contributions of each team member towards the completion of the project.



3 Project Proposal:

- **Motivation:**
  - We have several tourists/visitors struggling a lot by browsing many different websites for gathering information about the restaurants, transport, entertainment, places, events etc., when they visit a new place/city. They have to make note of all the information they like and sort they out manually to plan a tour schedule. All these takes a lot of time, so avoid this and make users tour a memorable part of their life, we came up with an idea of developing an application. This application is a one stop platform for the users, where we integrate information from different web services APIs and provide them to users in a customized and user friendly interface based on the search criteria. Also users can short list their preferences and make a tour schedule using the application.

- **Significance/ Uniqueness:**
  - There are several web services which address these issues individually. We are here with an idea of integrating all these services and allowing user to make a trip schedule.
  - Here in this application we are addressing two user specific issues.
  - We provide the requested data based on two specific parameters Time,

Location. Example: If the time is 1:00 PM in the Noon and user is searching restaurants, we will retrieve the data of restaurants which provide lunch to users and nearby user.

- We provide the user an option of scheduling, where user add his/her interests in to his queue. User can sort the interests and make a plan, add time to get a reminder, and also can remove an Item from the queue if he/she wishes to do so.
- Based on the user profile we suggest the places, restaurants etc. which user might be interested.

- **Objectives:**
  - Our main objective is to integrate all the useful web services that provide information about restaurants, entertainment, transport, events and places on to a single platform. We integrate the information available in different web services and display them to user based on user search criteria. This application also allows user to prepare a schedule for the tour by combining all the information in the user's wish-list. This app avoids users from browsing different websites and wasting time in gathering information and making a pen-paper schedule. Based on user information and history of visits we make the search pattern more user friendly.

- **System Features:**
  - The system will possess the following features:

User should open the application on mobile and see the home page. On clicking on home page user will see a login page.

User needs to login to the application with his Facebook login credentials. On successful login we navigate user to menu page. In the Menu Page the different menu options (Restaurants, places, Events, Transport and Schedule) are displayed.

User has to select a menu option and click on it. So this will navigate user to next Search Page.

In the Search Page user has to enter the specific interested query to search bar (Example: If user is looking for restaurants, then he/she can enter Chinese as a query).

After processing the query all the results are displayed in list to users based on current location and Time as parameters.

On each item the image, name and address are displayed. Based on user interest user can select item of his interest.

On clicking specific item user will be navigated to next page where the details of the venue are displayed.

The Details page displays venue pictures, contact details, address etc. Also the Map showing the venue location.

User has an option to add the venue to his wish list.

In the Menu Page user has an option to open My Plan page.

In My Plan page user has option to add time, and remove the venue if not interested.

Software Requirement Specification (SRS):

This is an android application developed on android studio IDE. We used xml to build our layouts and scripting is done on java. The Android studio provides good platform to

develop android applications.

Code Development Tool Kit:

JDK 7: The Java Development Kit (JDK) is an implementation of either one of the Java SE, Java EE or Java ME platforms released by Oracle Corporation in the form of a binary product aimed at Java developers on Solaris, Linux, Mac OS X or Windows. The JDK includes a private JVM and a few other resources to finish the development of a Java Application. Java 1.7 is used in our project, implementation and scripting is done in java script.

Android SDK: Since the application is an android application we used android SDK to build the application based on SDK tools.

Programming Language:

Java: We use java for our application development. Java is a general-purpose computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere" (WORA), meaning that compiled Java code can run on all platforms that support Java without the need for recompilation. Java applications are typically compiled to bytecode that can run on any Java virtual machine (JVM) regardless of computer architecture.

Integrated Development Environment:

Android Studio: At the core of Android Studio is an intelligent code editor capable of advanced code completion, refactoring, and code analysis. The powerful code editor helps you be a more productive Android app developer. New project wizards make it easier than ever to start a new project. Start projects using template code for patterns such as navigation drawer and view pagers, and even import Google code samples from GitHub. Build apps for Android phones, tablets, Android Wear, Android TV, Android Auto and Google Glass. With the new Android Project View and module support in Android Studio, it's easier to manage app projects and resources. Android Studio comes pre-configured with an optimized emulator image. The updated and streamlined Virtual Device Manager provides pre-defined device profiles for common Android devices. Android Studio comes pre-configured with an optimized emulator image. The updated and streamlined Virtual Device Manager provides pre-defined device profiles for common Android devices.

Designing UI screens:

XML: We used XML for designing our layouts. We have developed all screens using this XML Layouts available in android studio.

Versioning:

We have used GitHub cloud tool to store all our code in remote location. This is accessible to all our project mates. We have created a master and a development branch for project purposes. All our source code, documentation, UML diagrams, Wireframes are stored in this repository. Also Zen Hub plug-in is integrated to trace the phases and issues in project, we can assign tasks to our team mates using this tool.

Modeling Tools:

We have used https://www.Creately.com and Microsoft Visio to design UML diagrams in our project.

Web Services:

Foursquare API: We used this web service to get the data related to restaurants, transport, places and events. This API provides the details of all the venues based on search pattern entered by user. http://developers.foursquare.com/ is used for getting data related various categories. We process the retrieved data and make it more comfortable for end user.

Facebook API: We made use of Facebook plugin to enable user to login using his Facebook credentials. We make use of users Facebook data to make assumptions of users interests and give best possible suggestions. https://developers.facebook.com/ web service is used in our project to enable users to login through there Facebook login credentials.

Google Maps API: We have taken Google Maps API to trace user's current location and time. Based on this details we suggest users the venues nearby him and also preferable restaurants based on time. https://developers.google.com/maps/ is used for fetching.

Mlab API: we used this web service to store the user details. We used mlab for database.

Twitter API: we used this web service to add trending events in our application. https://dev.twitter.com/tags/twitter4j is used for fetching.

4 Project Proposal:

We are implementing **AGILE** methodologies to in development of our project. We have split our entire project into four increments. These increments or mile stones are based on time interval. We have divided our project into four modules.

1. **Venue Search Module**: Retrieving data from foursquare web service and displaying the results based on user current location.
2. **Facebook Login Integration Module:** Implementing Facebook Login in our project and retrieving user details to optimize search
3. **Category based searches Module**: We will display the data to user by splitting data into different categories and we will improve UI interface.
4. **Scheduling Module**: A My Schedule page which has all the user's interests and functionalities like edit remove a venue are added to this page.
5. **Creating Login and Signup Module**: Implementing Login and signup for our application.
6. **Managing Database:** We need to store user data in database.
7. **Twitter Trends Module:** We will add twitter trends in that place to my application. Based on this we can know about trending events near to us.

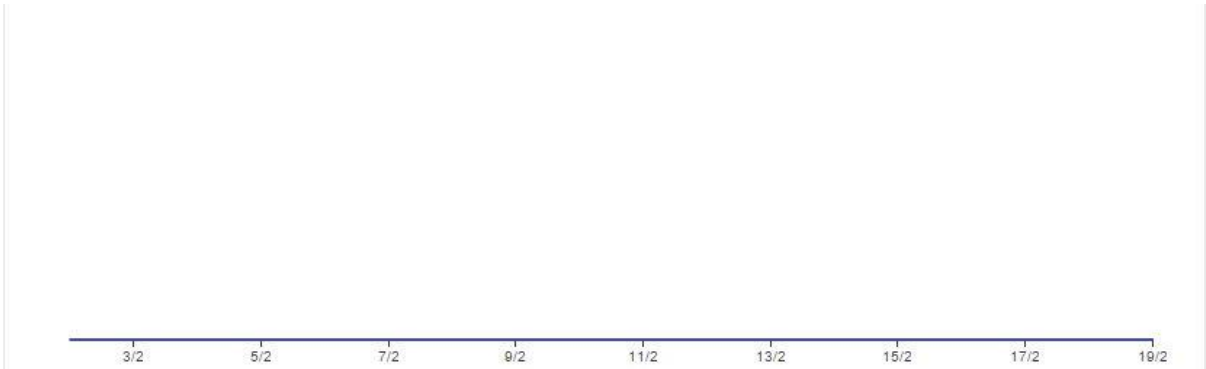
5 First Increment Report:

In first increment we worked on Search Module. After finalizing the project idea. We have done a lot of research work for tracing out the best web services available and which full fill all our requirements. Foursquare API Facebook API, Google Maps API are the web services we finalized to implement in our project. We have developed a basic layout and utilized foursquare API to Google Maps API to send Search query and retrieve data based on query and location.

Functionalities implemented in Increment 1:

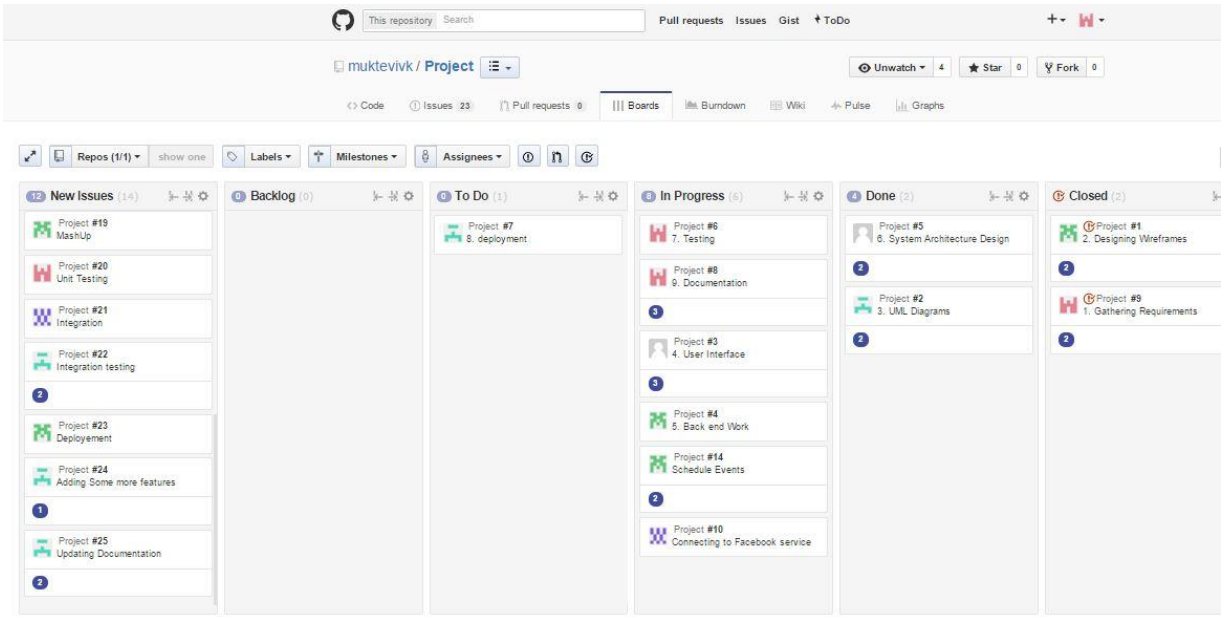
- A Search page with a search bar and button.
- Based on search Query and Current Location of User we retrieve data from Foursquare API web service.
- We display all the search results to user in a list. Each Item in the list has an icon, Name and Address.
- When user selects an item in the list and clicks on it we navigate user to next page.
- In the Details page all the details like Name, Address, Contact details, Reviews are displayed.

Burndown chart - increment 1:

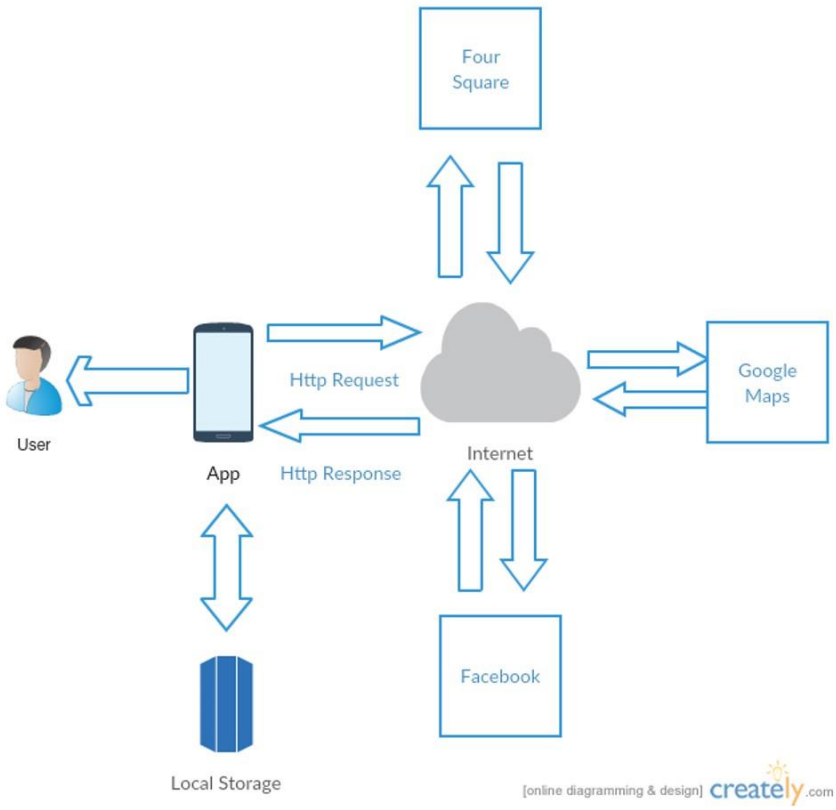


Issues	Story Points
#8 9. Documentation	3
#3 4. User Interface	3
#5 6. System Architecture Design	2
#2 3. UML Diagrams	2
#7 8. deployment	Not estimated
#6 7. Testing	Not estimated
#4 5. Back end Work	Not estimated
#9 1. Gathering Requirements	2
#1 2. Designing Wireframes	2

Zen Hub after first increment:

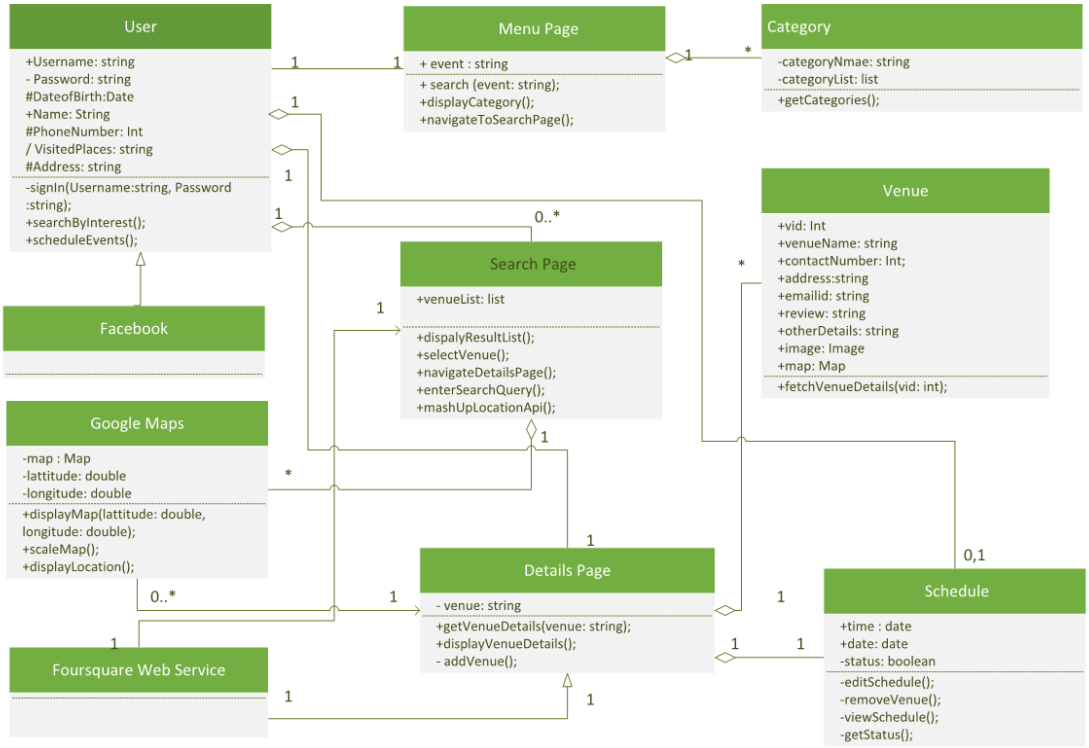


System Architecture:

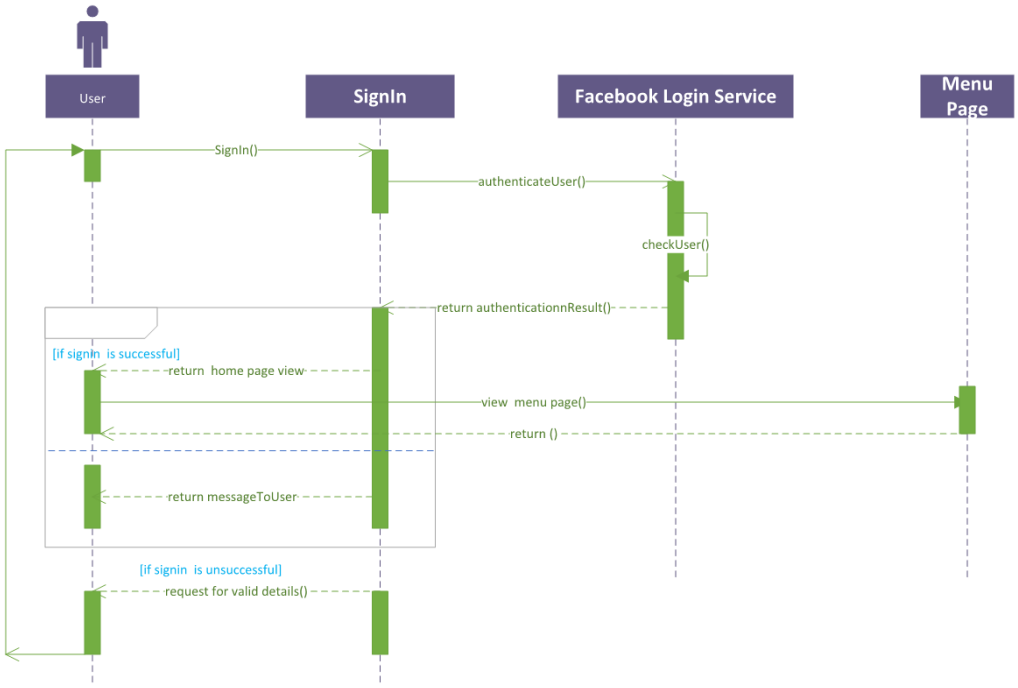


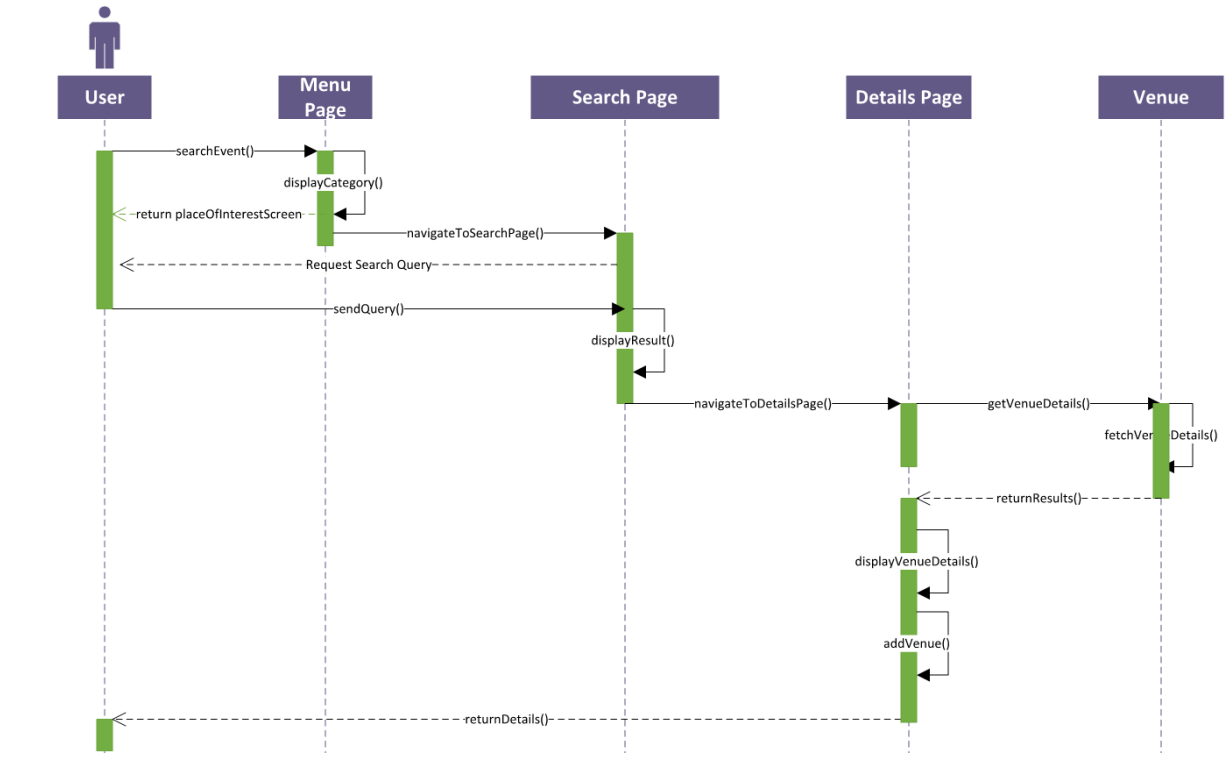
Designing: UML Diagrams:

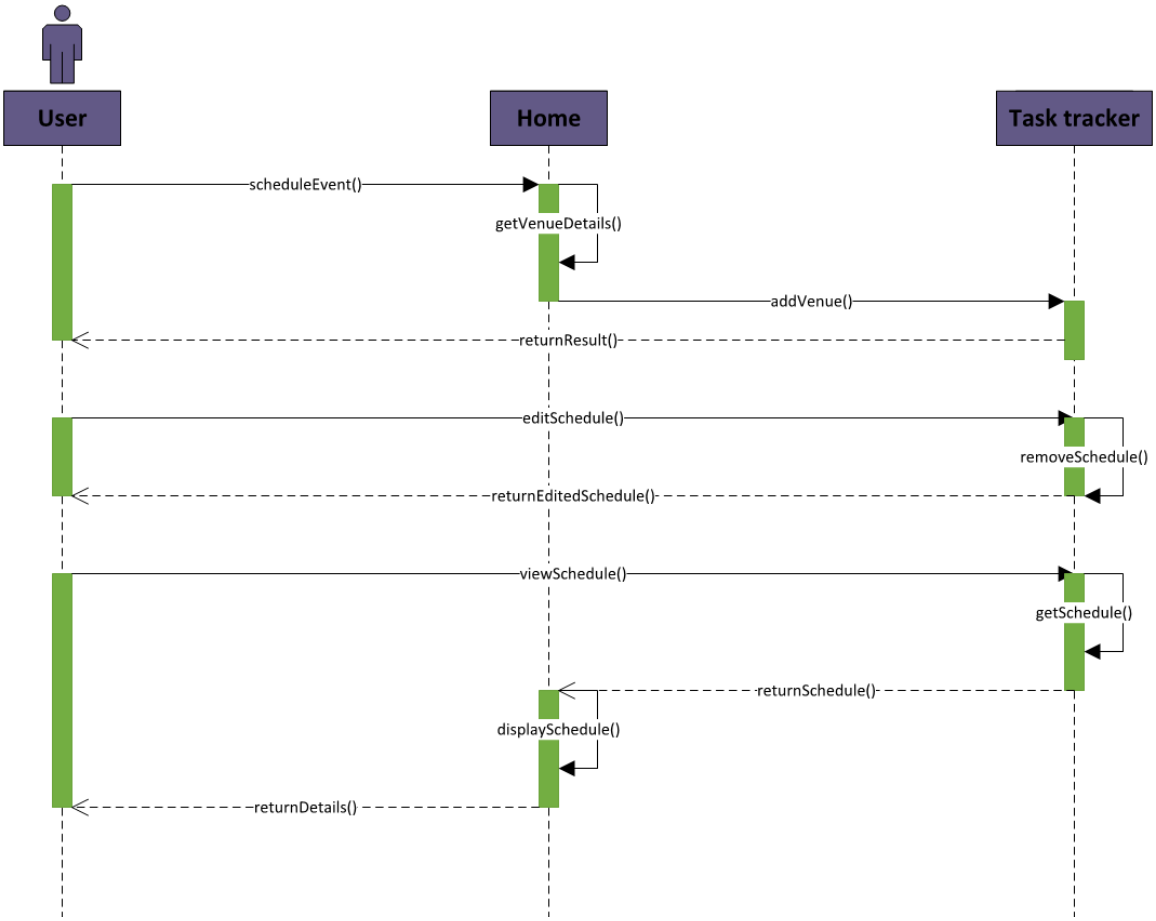
1) Class Diagram For Integrated Travel Guidance


User
+Username: string
- Password: string
#DateofBirth:Date
+Name: String
#PhoneNumber: Int
/ VisitedPlaces: string
#Address: string
-signIn(Username:string, Password :string);
+searchByInterest();
+scheduleEvents();
Menu Page
+ event : string
+ search (event: string);
+displayCategory();
+navigateToSearchPage();
Category
-categoryNmae: string
-categoryList: list
+getCategories();
Venue
+vid: Int
+venueName: string
+contactNumber: Int;
+address:string
+emailid: string
+review: string
+otherDetails: string
+image: Image
+map: Map
+fetchVenueDetails(vid: int);
Search Page
+venueList: list
+dispalyResultList();
+selectVenue();
+navigateDetailsPage();
+enterSearchQuery();
+mashUpLocationApi();
Facebook
Google Maps
-map : Map
-lattitude: double
-longitude: double
+displayMap(lattitude: double, longitude: double);
+scaleMap();
+displayLocation();
Details Page
- venue: string
+getVenueDetails(venue: string);
+displayVenueDetails();
- addVenue();
Schedule
+time : date
+date: date
-status: boolean
-editSchedule();
-removeVenue();
-viewSchedule();
-getStatus();
Foursquare Web Service

Login

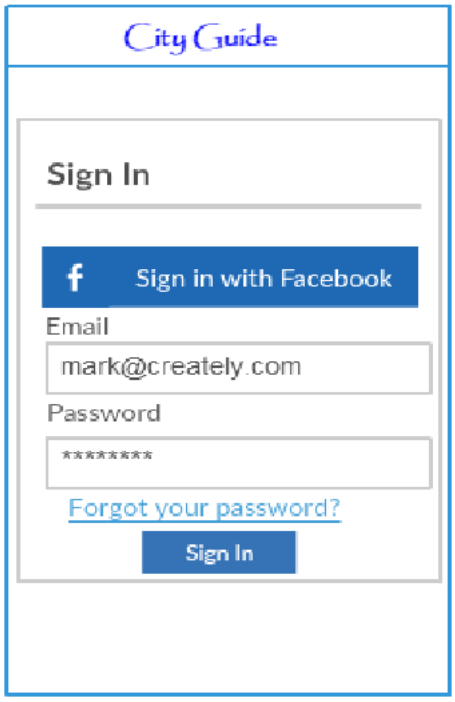

User
SignIn
Facebook Login Service
Menu Page
SignIn()
authenticateUser()
checkUser()
return authenticationnResult()
[if signin is successful]
return home page view
view menu page()
return ()
return messageToUser
[if signin is unsuccessful]
request for valid details()


User
Menu Page
Search Page
Details Page
Venue
searchEvent()
displayCategory()
return placeOfInterestScreen
navigateToSearchPage()
Request Search Query
sendQuery()
displayResult()
navigateToDetailsPage()
getVenueDetails()
fetchVer Details()
returnResults()
displayVenueDetails()
addVenue()
returnDetails()


User
Home
Task tracker
scheduleEvent()
getVenueDetails()
addVenue()
returnResult()
editSchedule()
removeSchedule()
returnEditedSchedule()
viewSchedule()
getSchedule()
returnSchedule()
displaySchedule()
returnDetails()

Wire Frames:

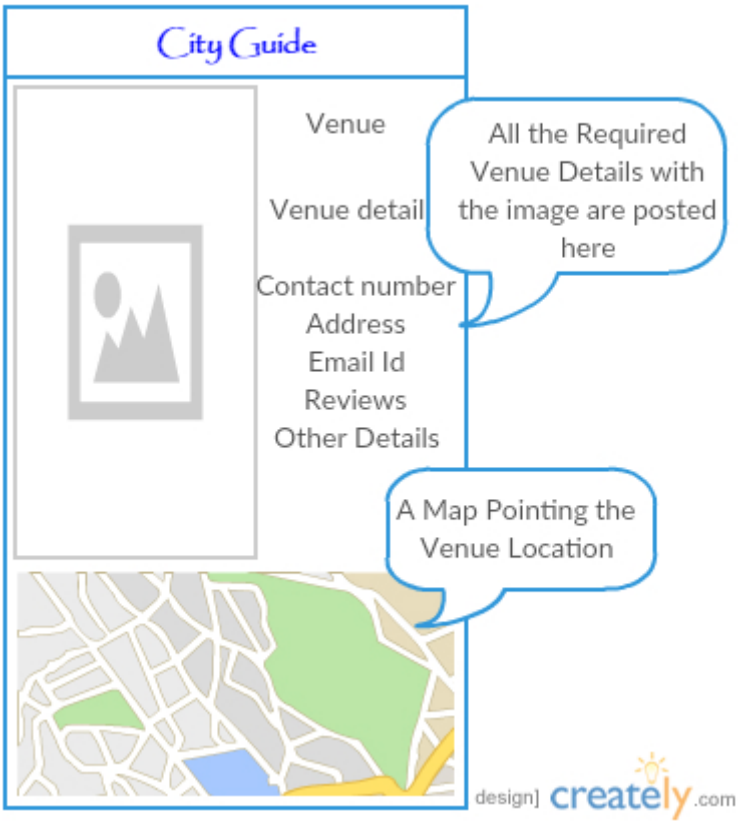
Figure 1: This is a home page of the application

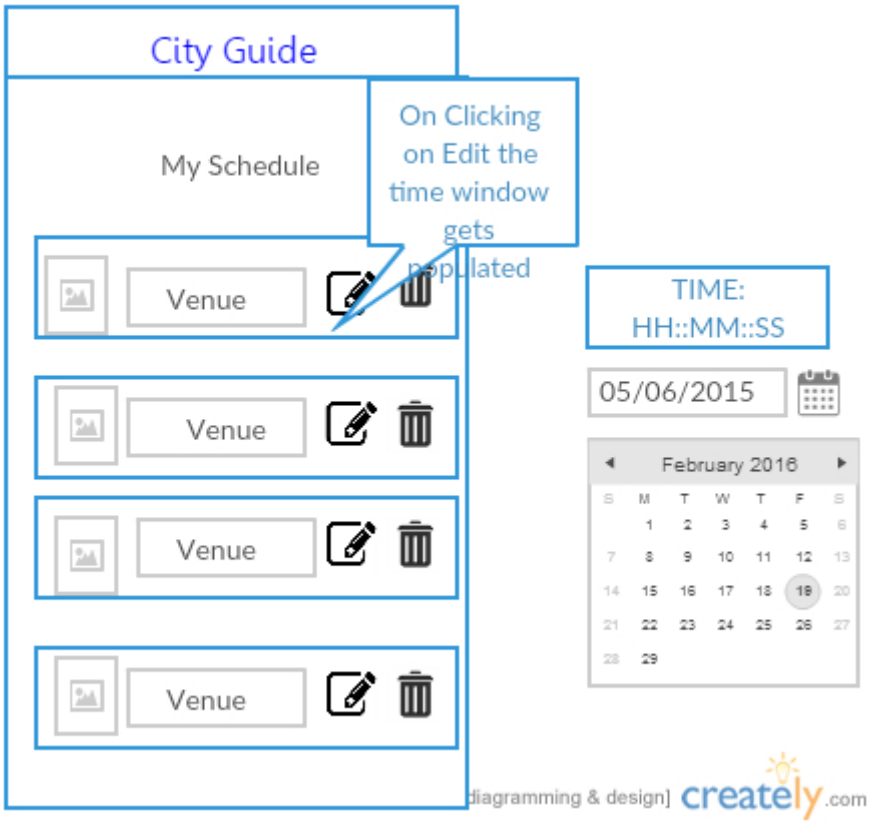



City Guide
Restaurants
Places
Entertainment
Transport
Events
My Plan

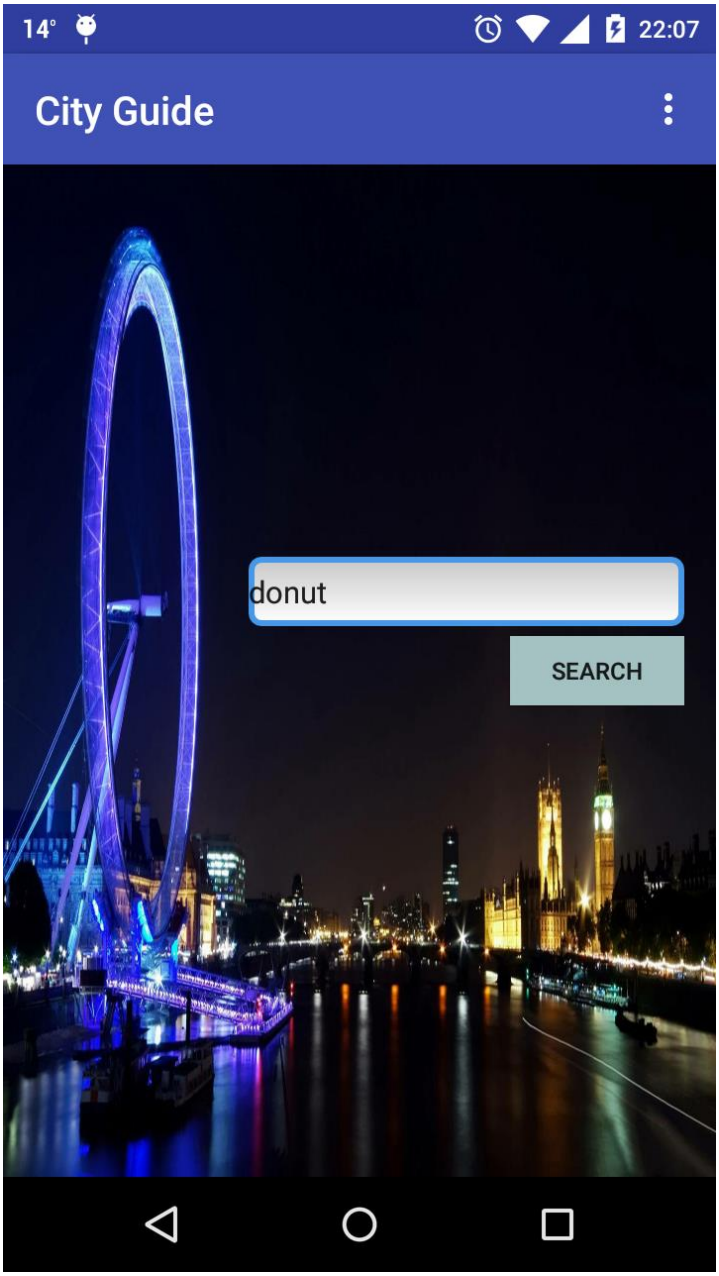

This is Menu Page
Enter a Place or event or Restaurant of your interest
Search Box
Search
Based on your current Location app fetches all the venues that are around you.
creately.com

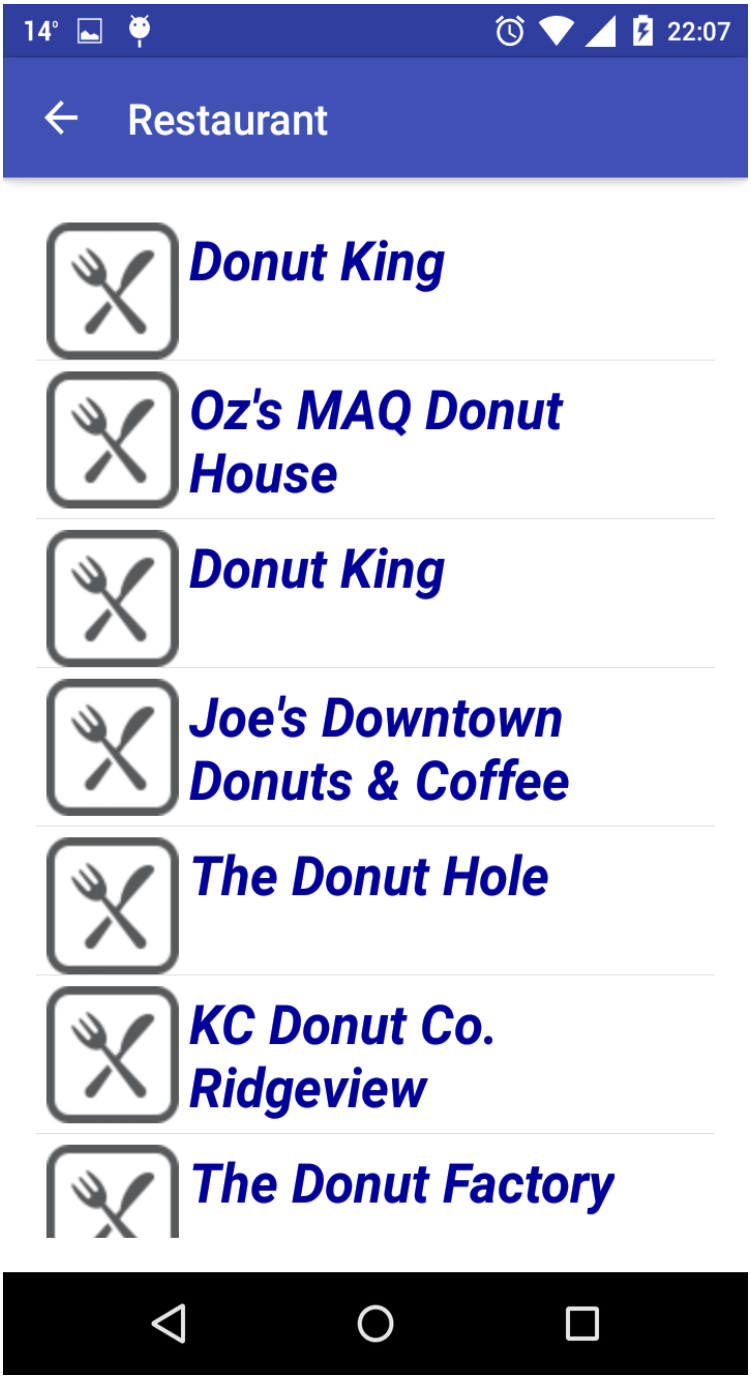

Venue Name
Venue Addre
Venue Nam
Venue Address
Venue Name
Venue Address
Venue Name
Venue Address
Venue Name
Select the Venue of your interest to Get the Details
creately.com


City Guide
Venue
Venue detail
Contact number
Address
Email Id
Reviews
Other Details
All the Required Venue Details with the image are posted here
A Map Pointing the Venue Location
design] creately.com



Application Screen Shots:


14°
22:07
City Guide
donut
SEARCH



Test Cases:

ID	Test_case#1
Title	Search for Restaurants
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, Place a query in the search bar, press enter
Expected Results	A list of Restaurants Near and Around the user must be displayed.

Actual Result	A list of Restaurants Near and Around are displayed.

ID	Test_case#2
Title	Search for Museums
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, Place a query in the search bar, press enter
Expected Results	A list of Museums Near and Around the user must be displayed.
Actual Result	A list of Museums near and Around are displayed.

ID	Test_case#3
Title	Get Details of a Venue
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened, Query for a Venue
Test Steps	Query for a key venue, From the results Select a Venue
Expected Results	A New Page Displaying Venue
Actual Result	New Page with venue image, address, Contact details are displayed.

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https://docs.oracle.com/javase/tutorial/

http://www.programmableweb.com/

https://stackoverflow.com/questions/2736389/how-to-pass-an-object-from-one-activity-to-another-on-android

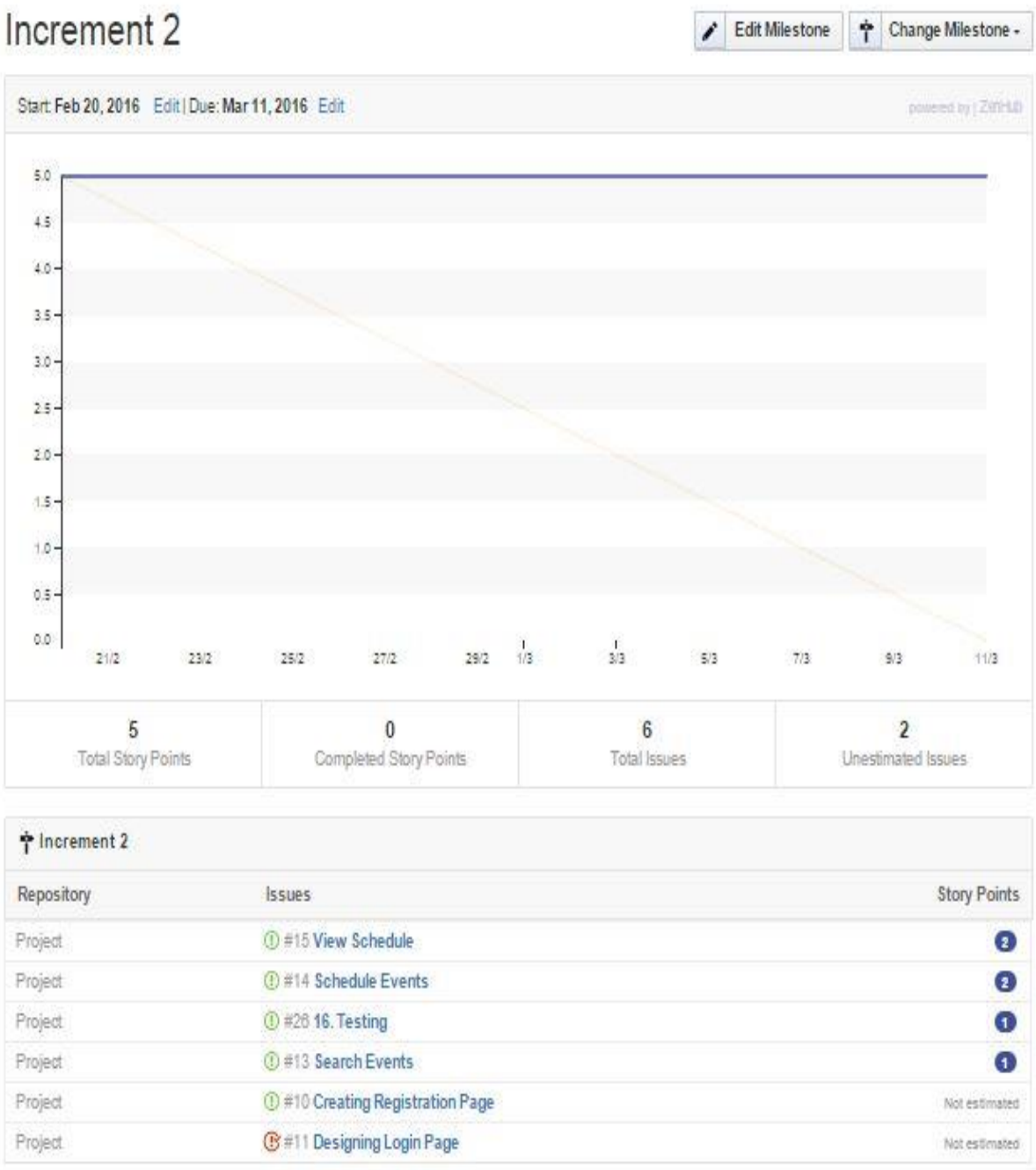
6 Second Increment Report:

In second increment we worked on login function, registration function and schedule event function. User need an account to use this application. We want to add login with facebook in next increment. In this increment, we designed a login page and registration page. First user create an account by Signup option. By using correct credentials user can login into this application. After that I designed a make schedule option. In this, user can search schedule and add into his cart if he want to go this event.

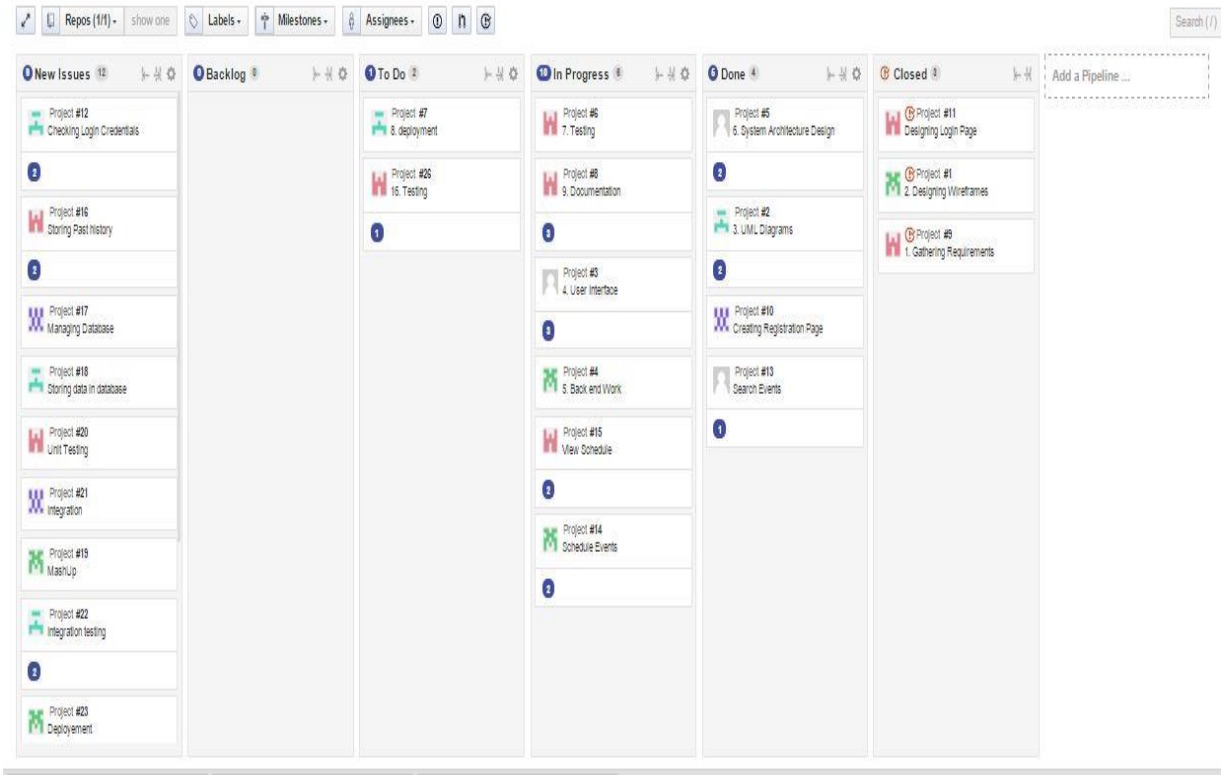
Functionalities implemented in Increment 2:

- A Login page with Username, Password fields
- Create a Signup page with required fields.
- We designed Make schedule option. By using this we can make schedule our tour by searching all events
- A Search page with a search bar and button. Based on search Query and Current Location of User we retrieve data from Foursquare API web service.
- We display all the search results to user in a list. Each Item in the list has an icon, Name and Address.

Burn down chart – Increment 2:



Zenhub after increment -2:

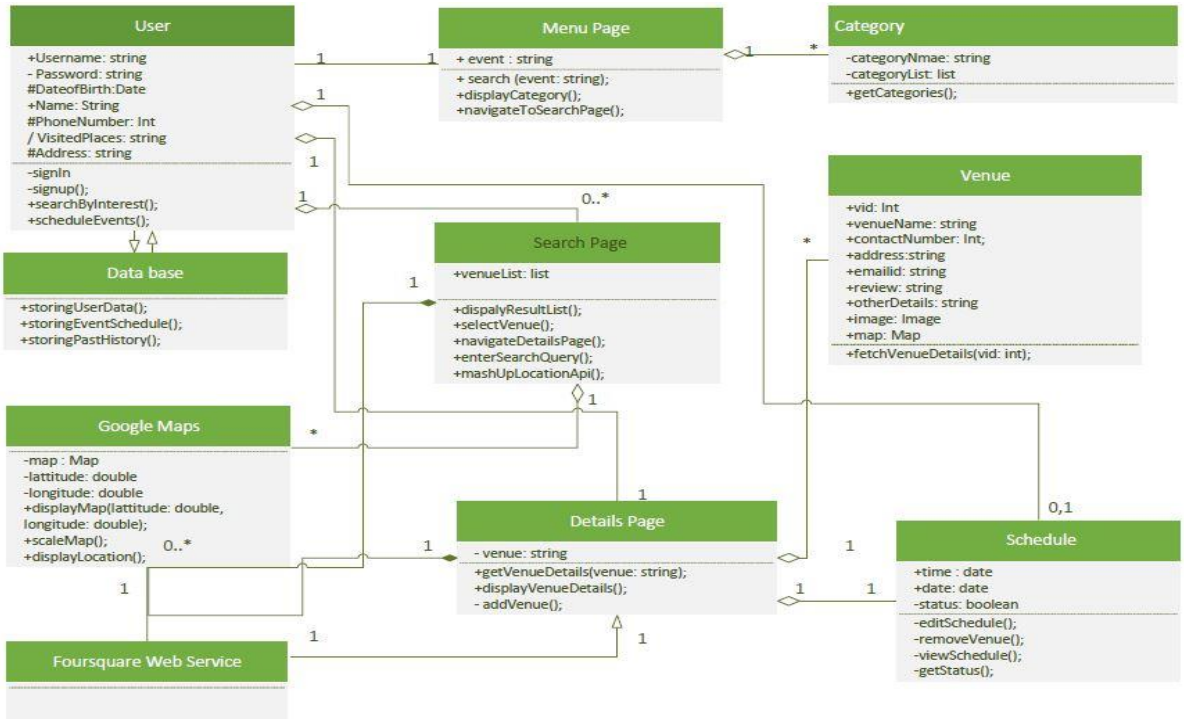


UML Diagrams:

The Unified Modeling Language (UML) is a general-purpose, developmental, modelling language in the field of software engineering that is intended to provide a standard way to visualize the design of a system. Here, we used class diagrams and sequence diagrams.

Class Diagram:

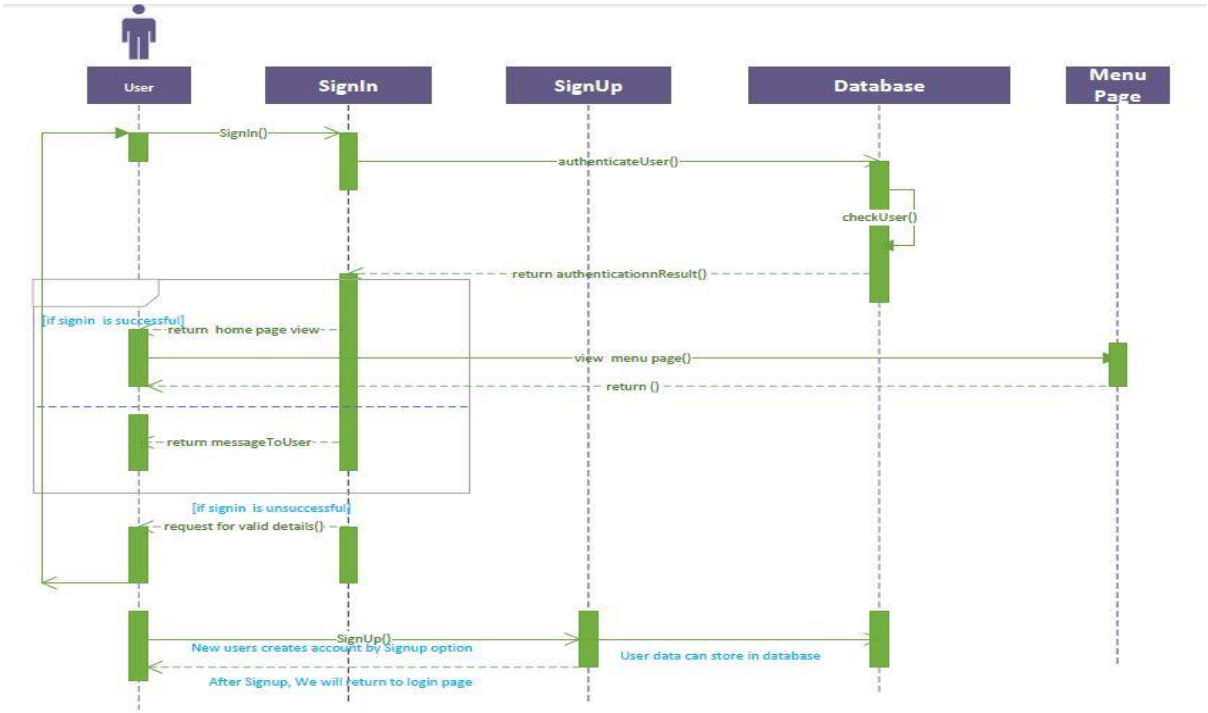
Class diagram is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations and the relationships among objects.



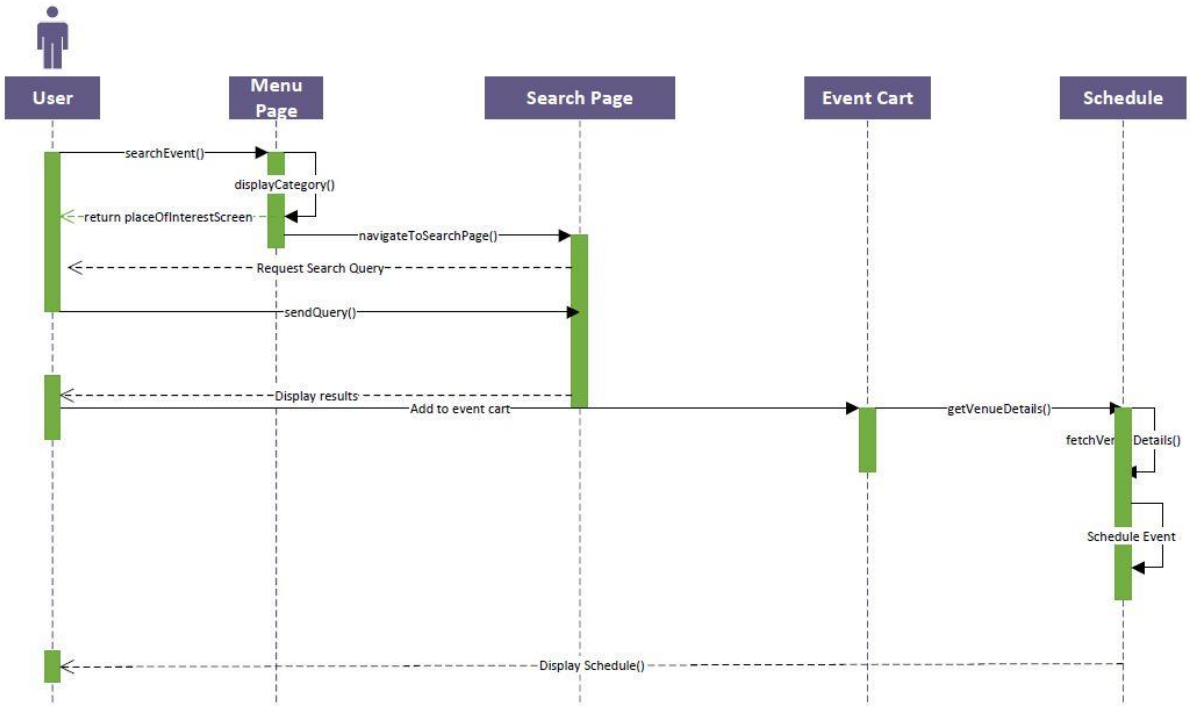
Sequence Diagrams:

Sequence diagram is an interaction diagram that shows how process operate with one another and in what order.

Sequence Diagram for Signin & Signup:



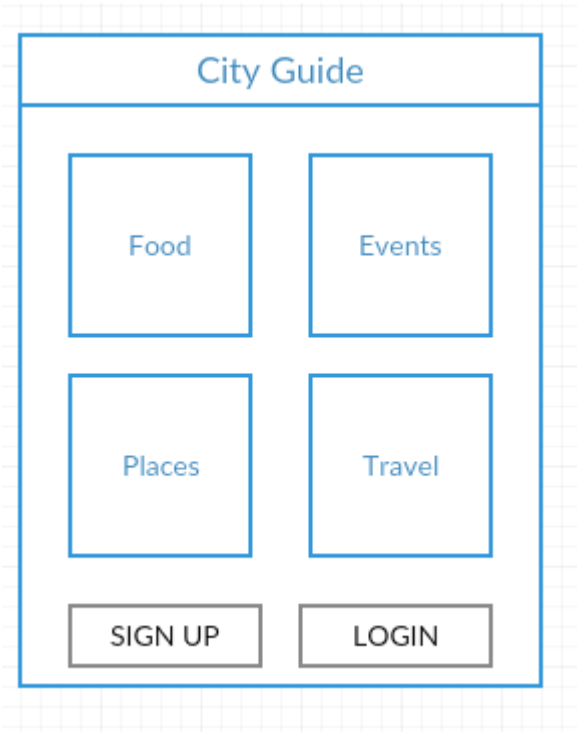
Sequence Diagram for Scheduling events:



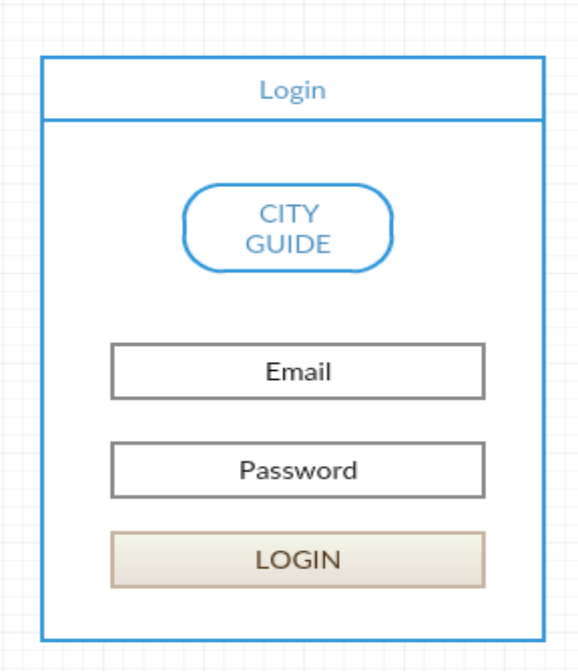
Wireframes:

Wireframe is a blue print that represents skeletal framework of an application.

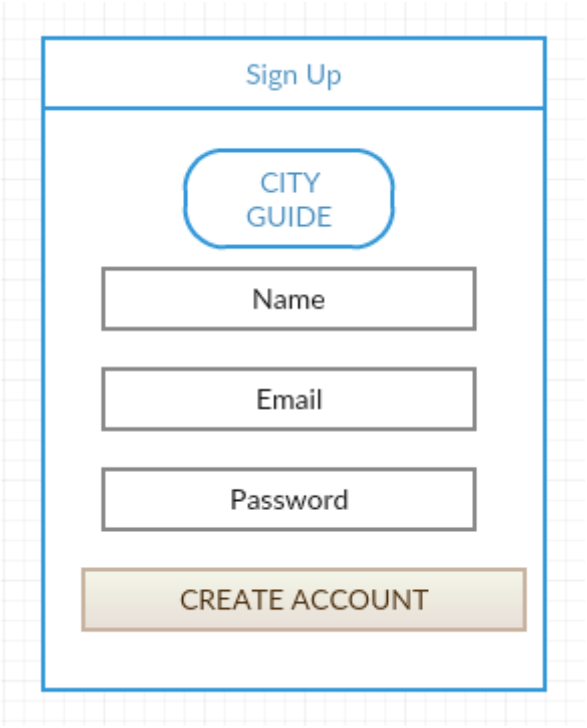
Wireframe for Homepage:



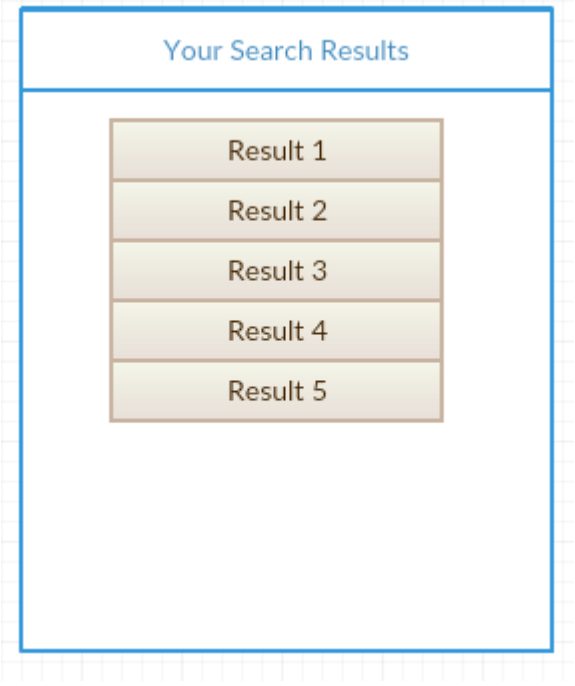
Wireframe for Login Page:



Wireframe for Signup Page:

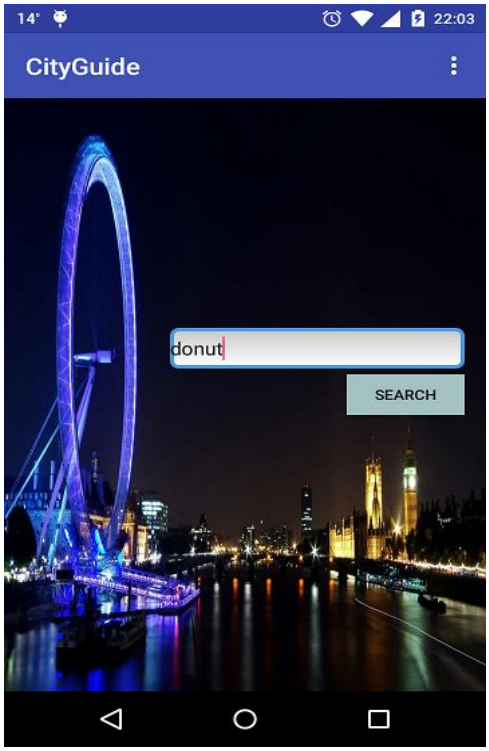


Wireframe for Search Page:

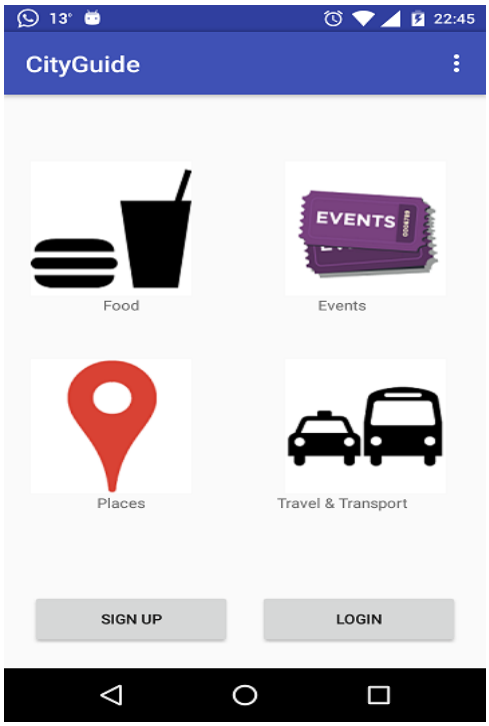


Output Screenshots:

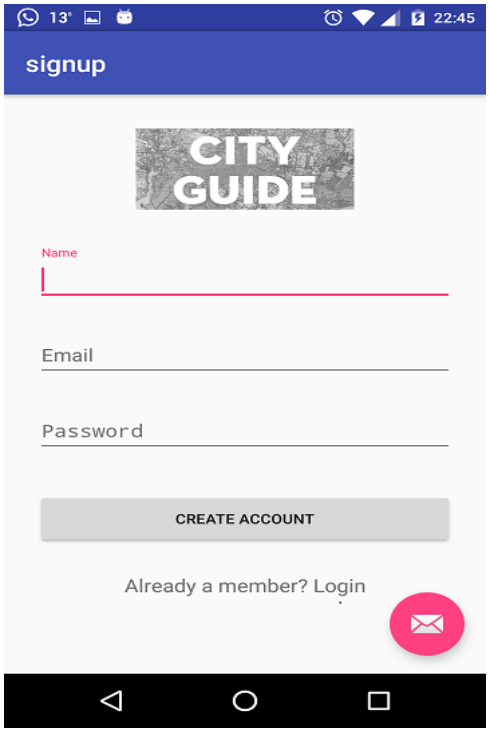
Home Page:



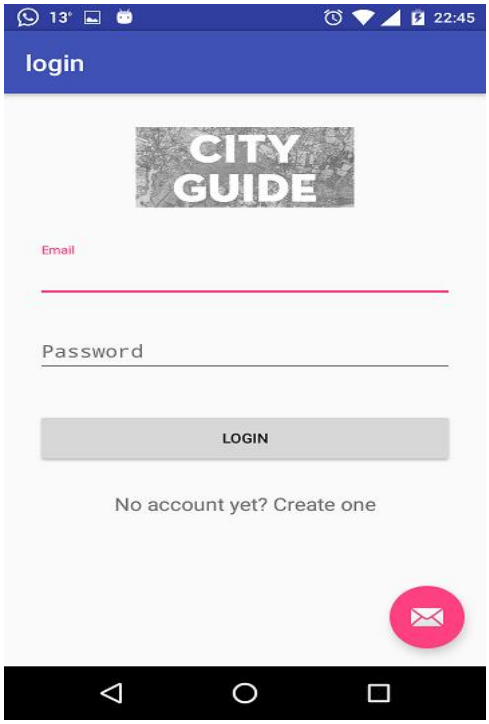
Main Page:



Signup Page:

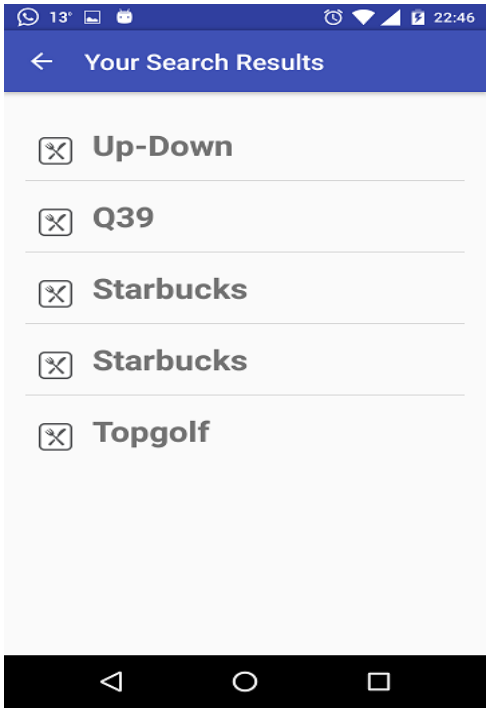


Login Page:

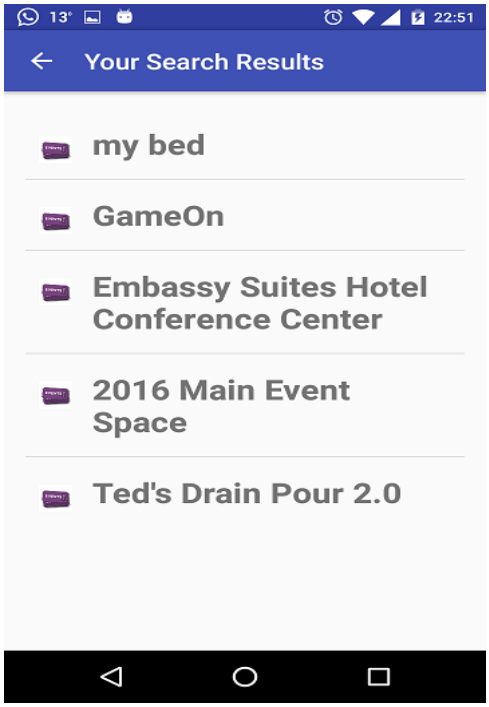


Search Results Page:

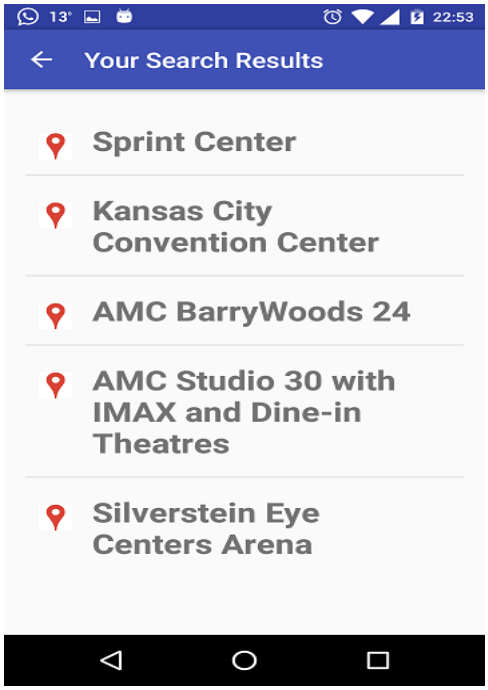
Restaurant Results



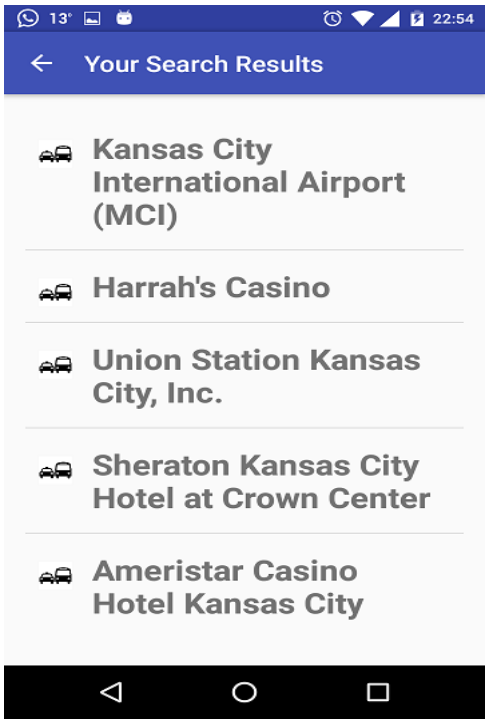
Event Results:



Venue Result Screen:

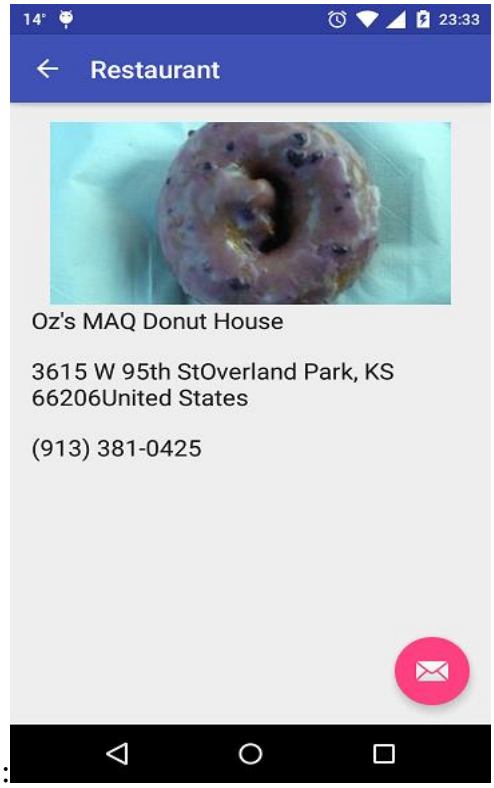


Travel & Transport Result Screen:



Details Screen:

If we click on any one of the result after searching, it gives details of the particular result as shown in figure.



:

Testing:

Test Case1:

ID	Test_case#1
Title	Select a category
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application. Click on the desired image button.
Expected Results	A list of results near and around the user must be displayed.
Actual Result	A list of results near and around the user must be displayed.

Test Case2:

ID	Test_case#2
Title	User registration
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, click on signup button. Enter user data and click on create account button.
Expected Results	Account is created and redirected to

	home page.
Actual Result	Account is created and redirected to home page.

Test Case3:

ID	Test_case#2
Title	User Login
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, click on login button. Enter your credentials and click on login.
Expected Results	On successful login user is redirected to home page.
Actual Result	On successful login user is redirected to home page.

Project Management:

Members:

S.no	Name	Class ID
1	Muktevi, Venkata Sathya Vamsi Krishna	31
2	Tummala, Vijay Kumar Tummala	55
3	Murakonda, Sravani	34
4	Panja, Kumara Satya Gopal	41

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http://www.programmableweb.com/

https://stackoverflow.com/questions/2736389/how-to-pass-an-object-from-one-activity-to-another-on-android

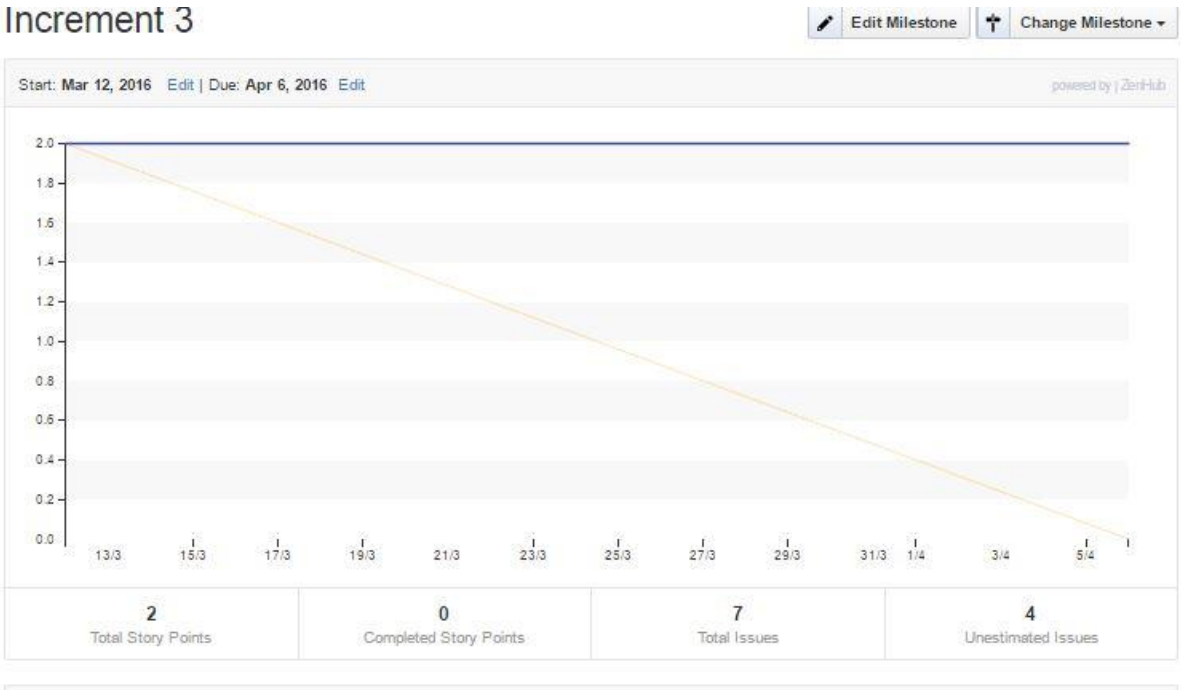
7 Third Increment Report:

In third Increment, we added facebook login option to the login option. And we designed schedule page for all events. We created mongodb database for our project.

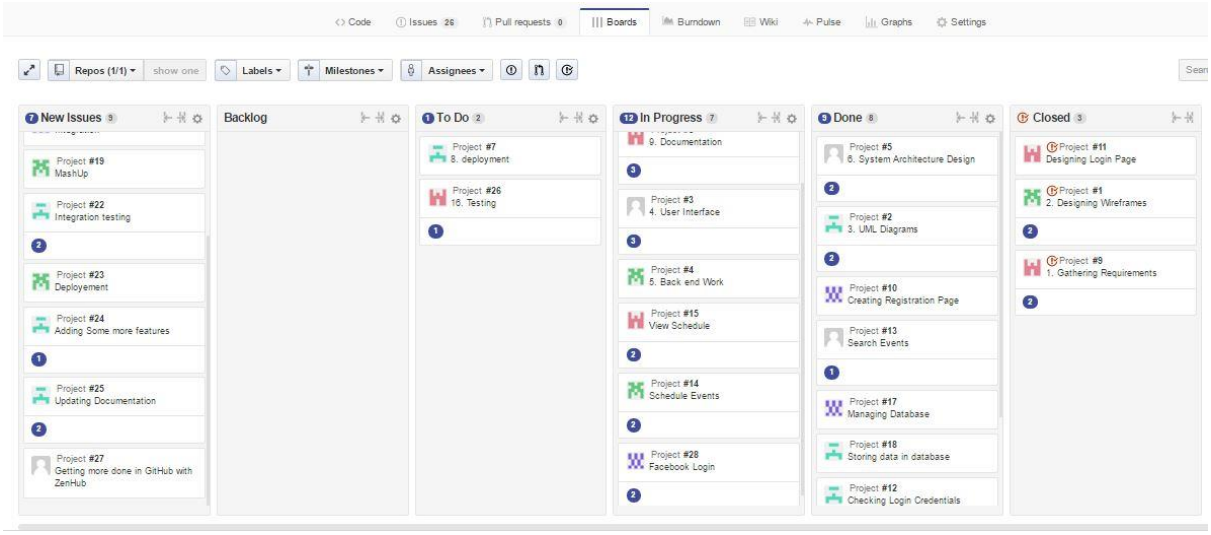
Functionalities implemented in Increment 3:

- Added login with facebook option to our project
- We designed Make schedule option. By using this we can make schedule our tour by searching all events
- Displaying schedule of all events
- Created database and managing database
- Added google maps to venues details.

Burn down chart – Increment 3:



Zenhub chart after third increment:



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The Unified Modeling Language (UML) is a general-purpose, developmental, modelling language in the field of software engineering that is intended to provide a standard way to visualize the design of a system. Here, we used class diagrams and sequence diagrams.

Class Diagram:

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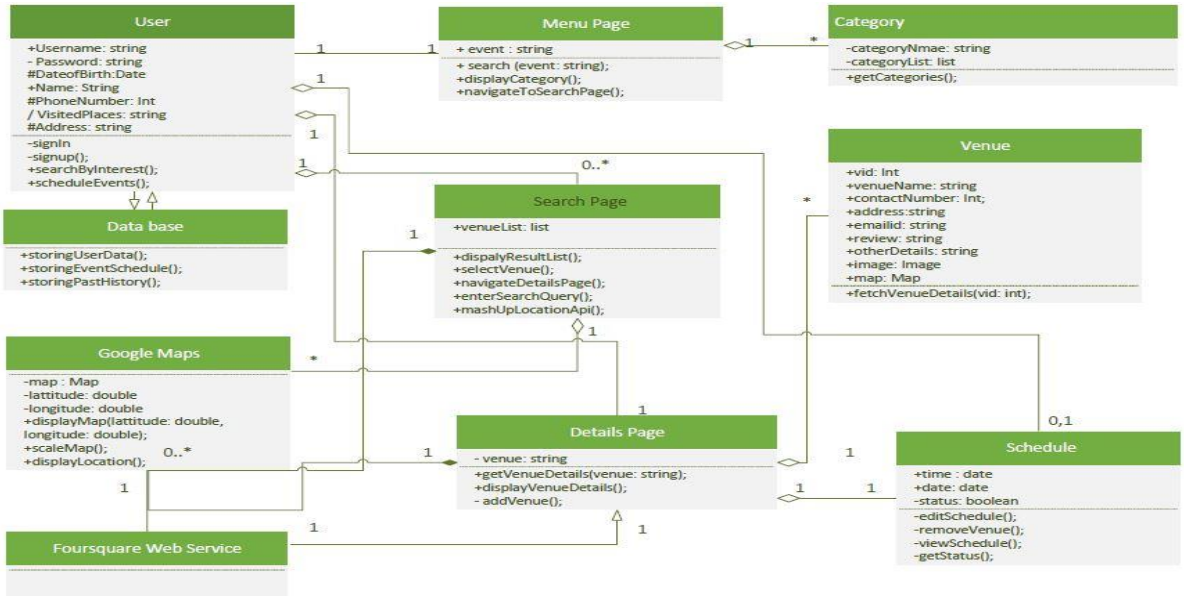
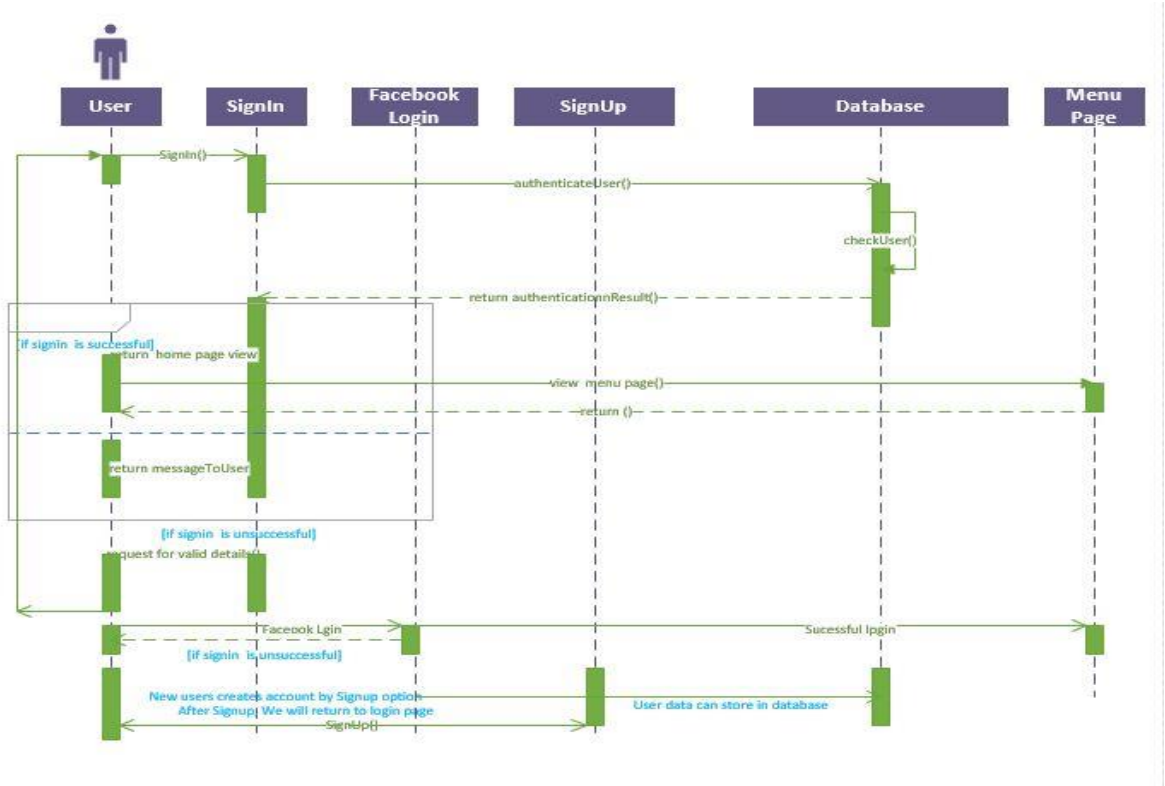


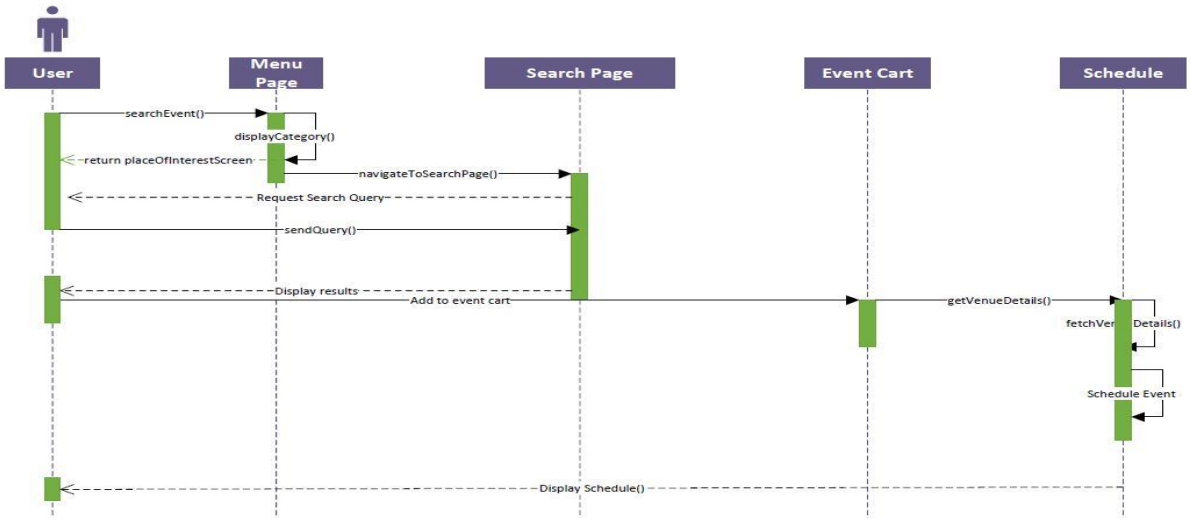
Sequence Diagrams:

Sequence diagram is an interaction diagram that shows how process operate with one another and in what order.

Sequence Diagram for Signin & Signup:



Sequence Diagram for Scheduling events:



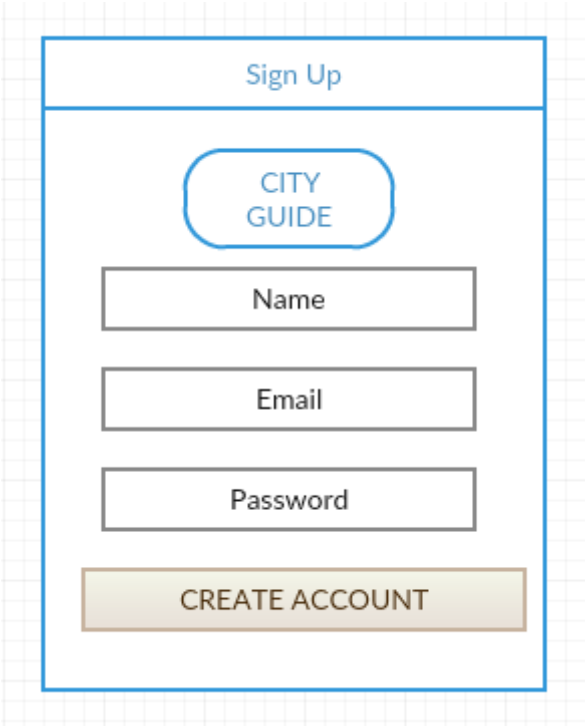
Wireframes:

Wireframe is a blue print that represents skeletal framework of an application.

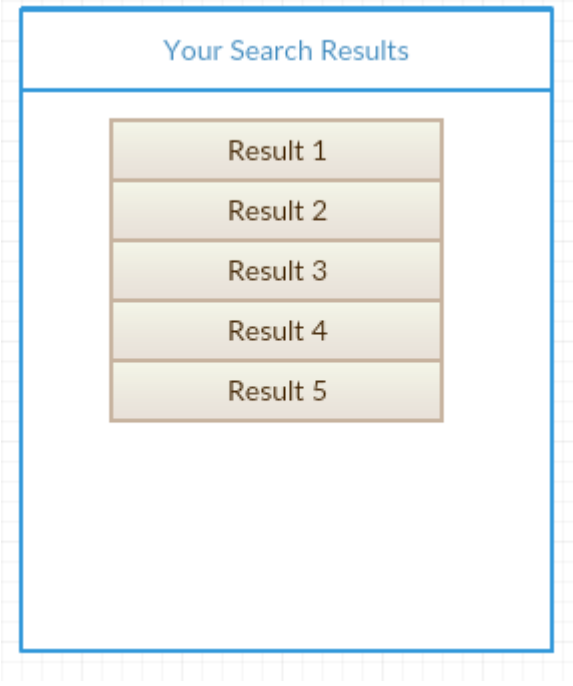
Wireframe for Homepage:

Wireframe for Login Page:

Wireframe for Signup Page:



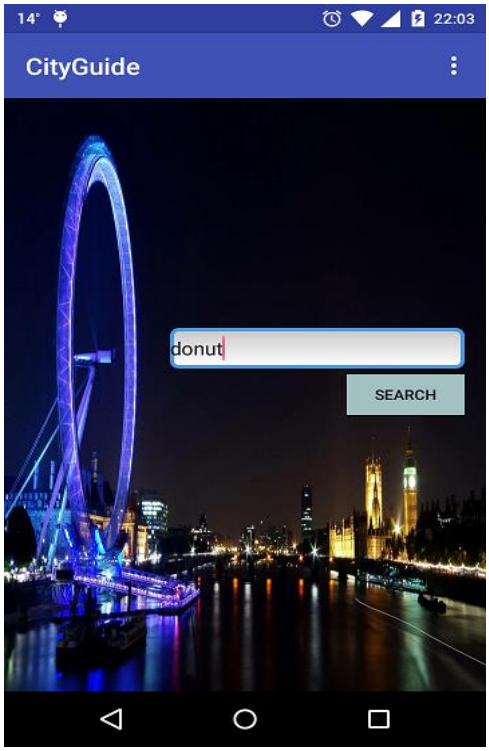
Wireframe for Search Page:



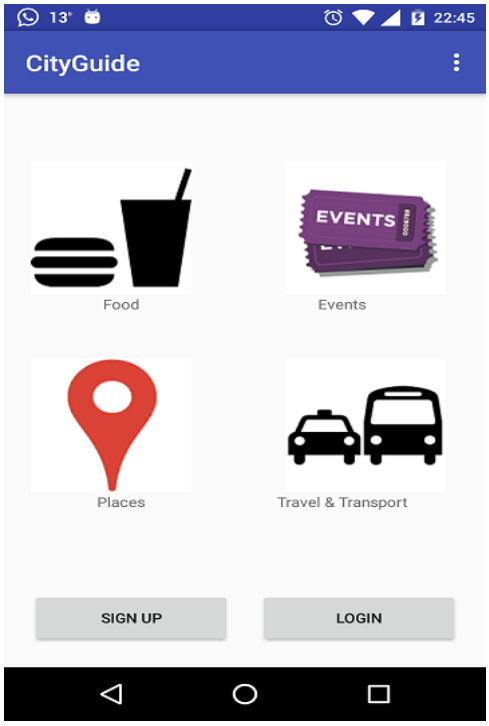
Wireframe for Schedule Page:

Output Screenshots:

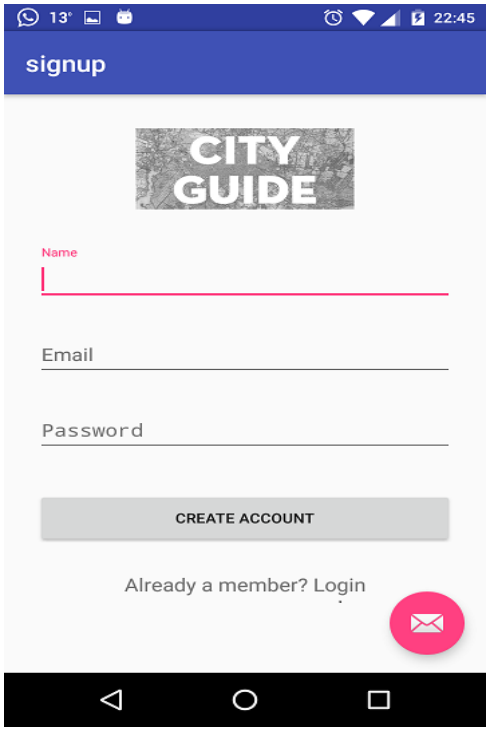
Home Page:



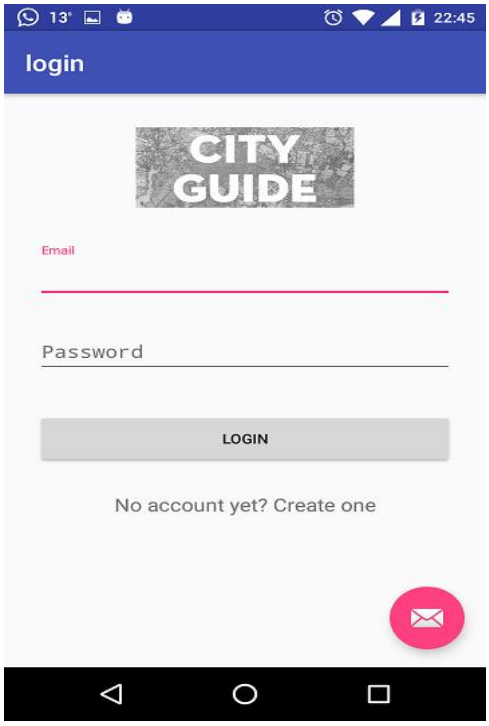
Main Page:



Signup Page:

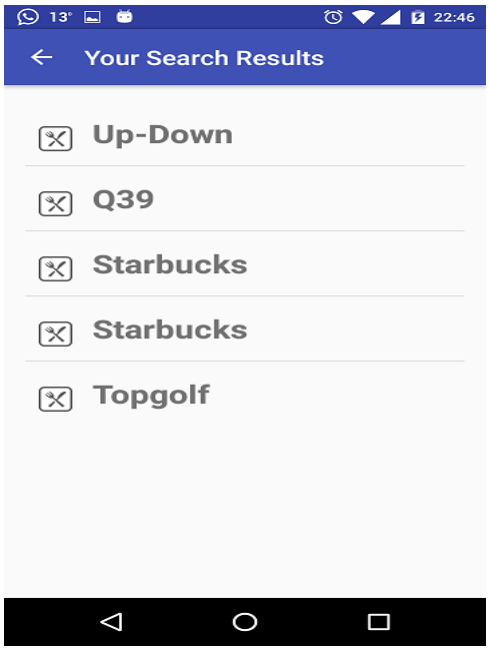


Login Page:

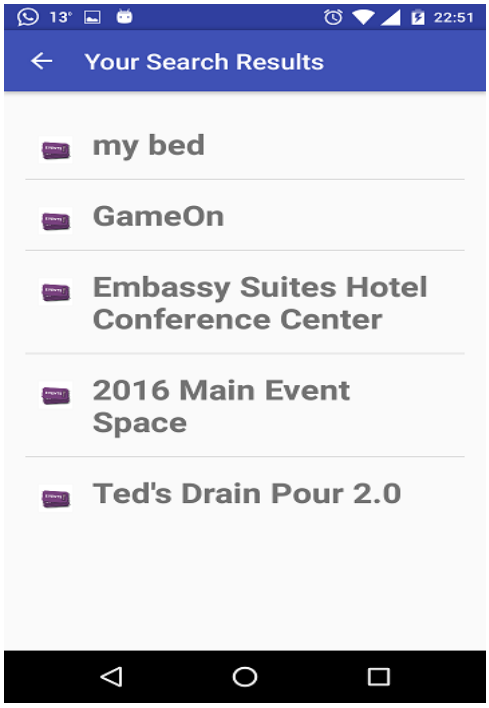


Search Results Page:

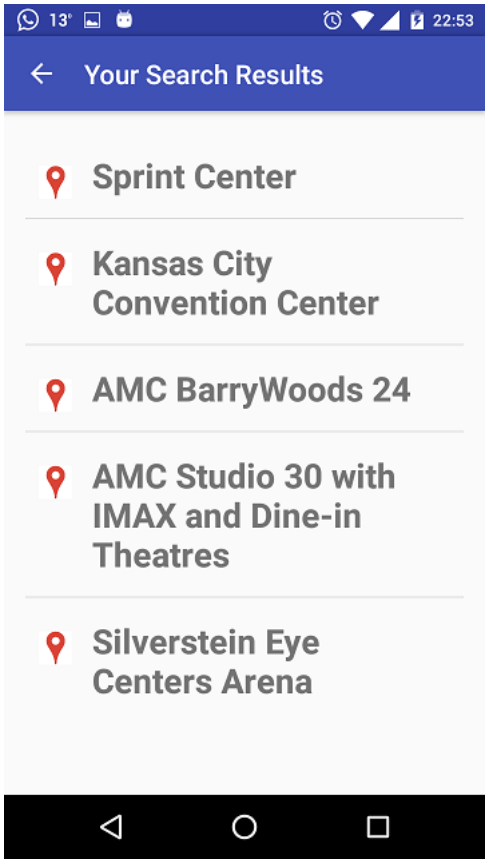
Restaurant Results



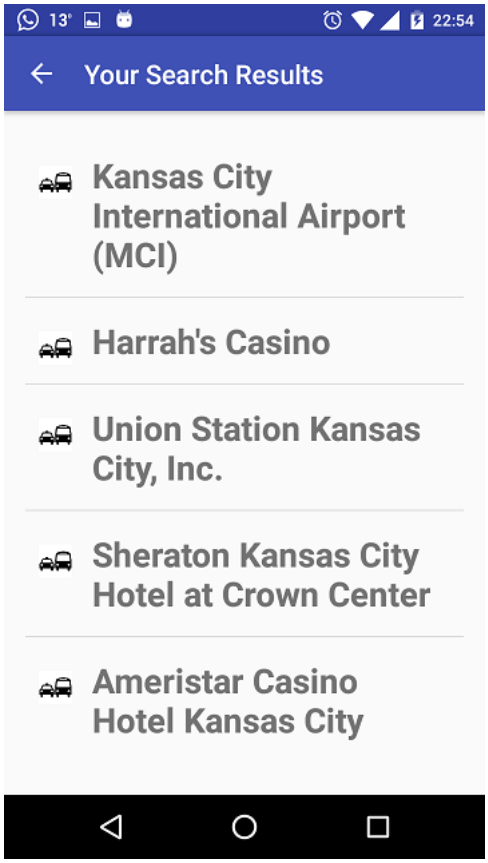
Event Results:



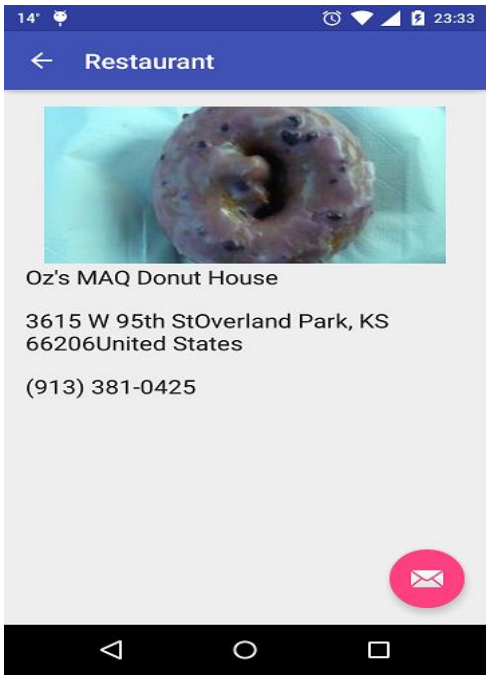
Places results screen:



Travel and Transport results:



Details screen:



Testing:

Test Case1:

ID	Test_case#1
Title	Select a category
Pre-Conditions	GPS should be enabled, Internet Service

	must be Provided, Application Should be opened
Test Steps	Open the Application. Click on the desired image button.
Expected Results	A list of results near and around the user must be displayed.
Actual Result	A list of results near and around the user must be displayed.

Test Case2:

ID	Test_case#2
Title	User registration
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, click on signup button. Enter user data and click on create account button.
Expected Results	Account is created and redirected to home page.
Actual Result	Account is created and redirected to home page.

Test Case3:

ID	Test_case#2
Title	User Login
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, click on login button. Enter your credentials and click on login.
Expected Results	On successful login user is redirected to home page.
Actual Result	On successful login user is redirected to home page.

Project Management:

9.1 Members:

S.no	Name	Class ID
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https://docs.oracle.com/javase/tutorial/

http://www.programmableweb.com/

https://stackoverflow.com/questions/2736389/how-to-pass-an-object-from-one-activity-to-another-on-android

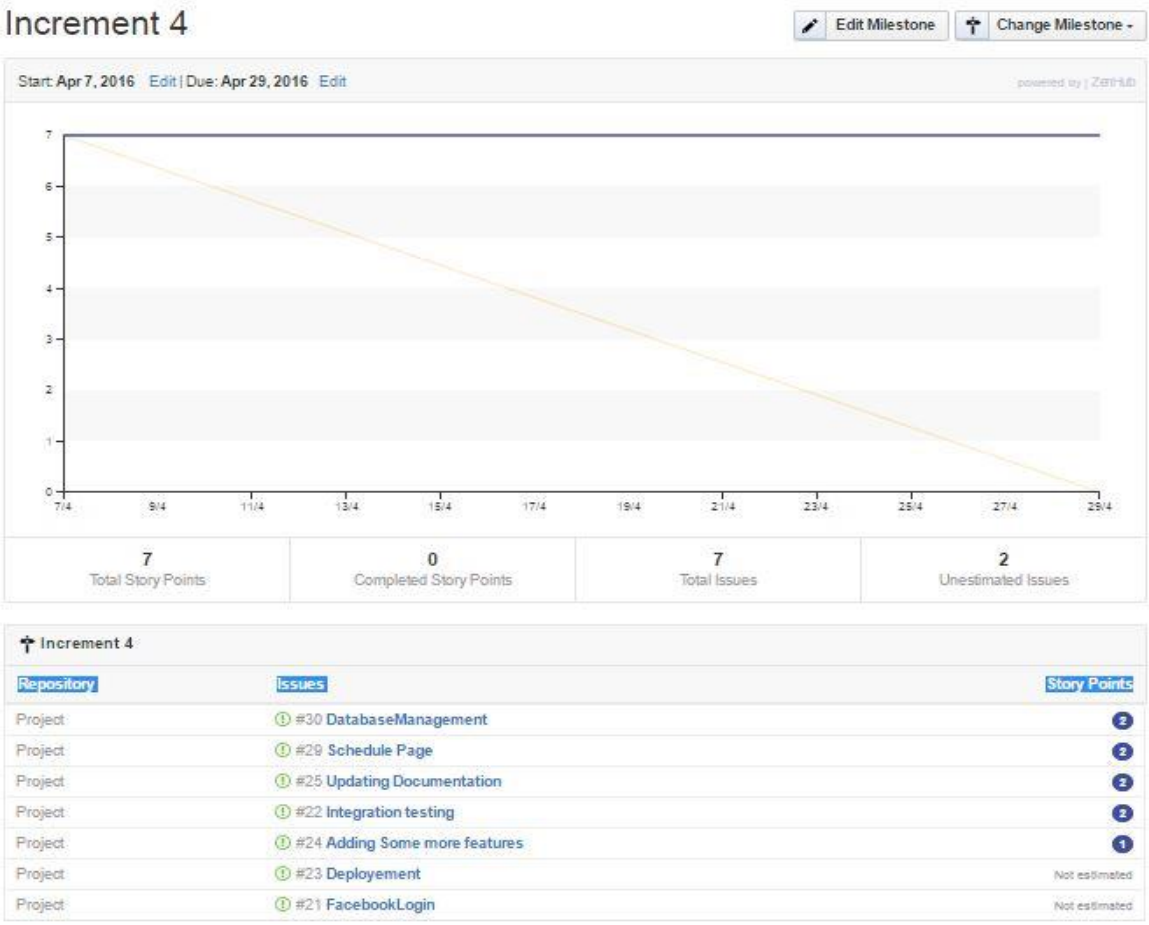
8 Fourth Increment Report:

In fourth increment we added twitter trends to our application. And we developed schedule page by using date and time. Here we can prepare schedule for different events based on time and data. We stored these details in database.

Functionalities implemented in Increment 4:

- Added twitter trends to our application. By using this we can know about trending events near to us.
- We designed Make schedule option with date and time options.. By using this we can make schedule our tour by searching all events
- Displaying schedule of all events
- Managing database
- Integrating all modules & Integration testing
- Deployment

Burndown chart for Increment 4:

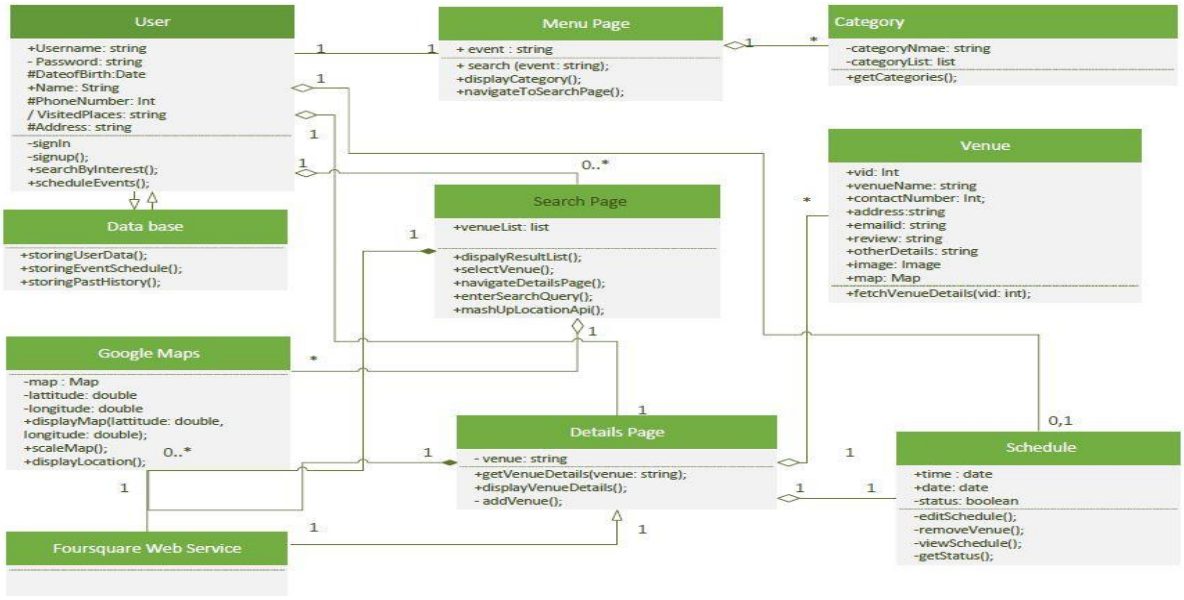


UML Diagrams:

The Unified Modeling Language (UML) is a general-purpose, developmental, modelling language in the field of software engineering that is intended to provide a standard way to visualize the design of a system. Here, we used class diagrams and sequence diagrams.

Class Diagram:

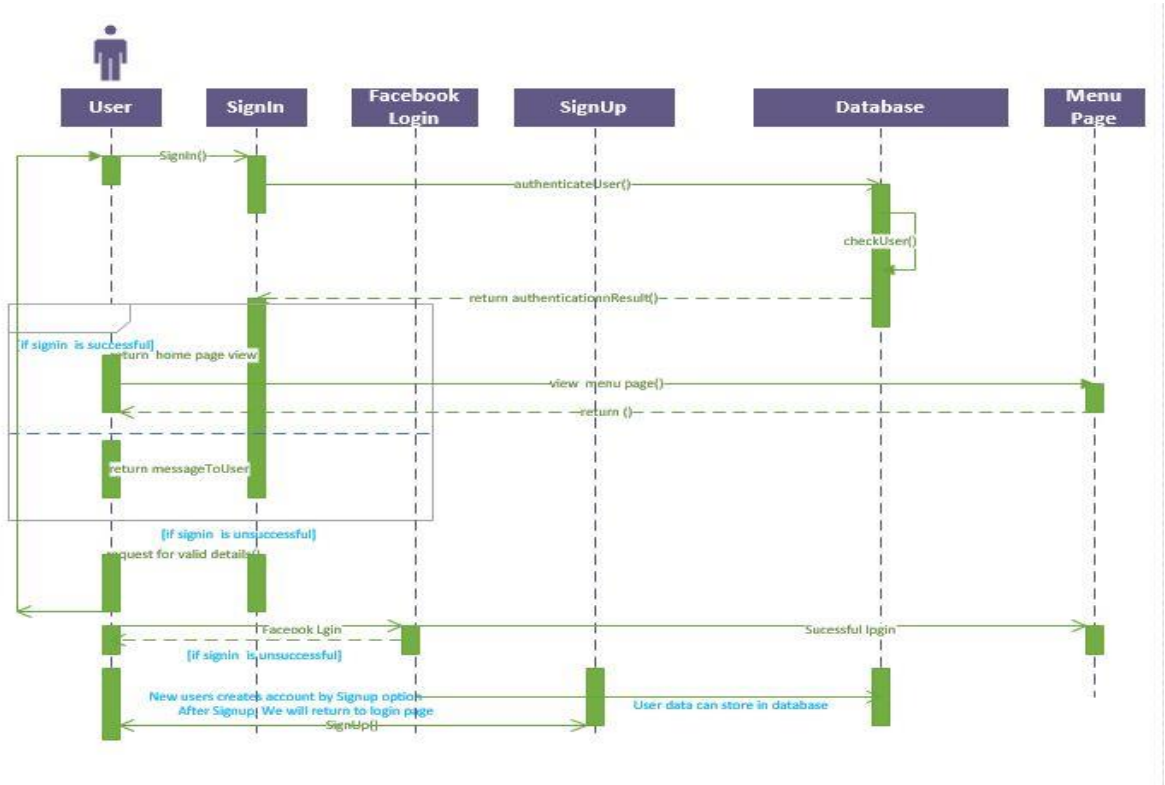
Class diagram is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations and the relationships among objects.



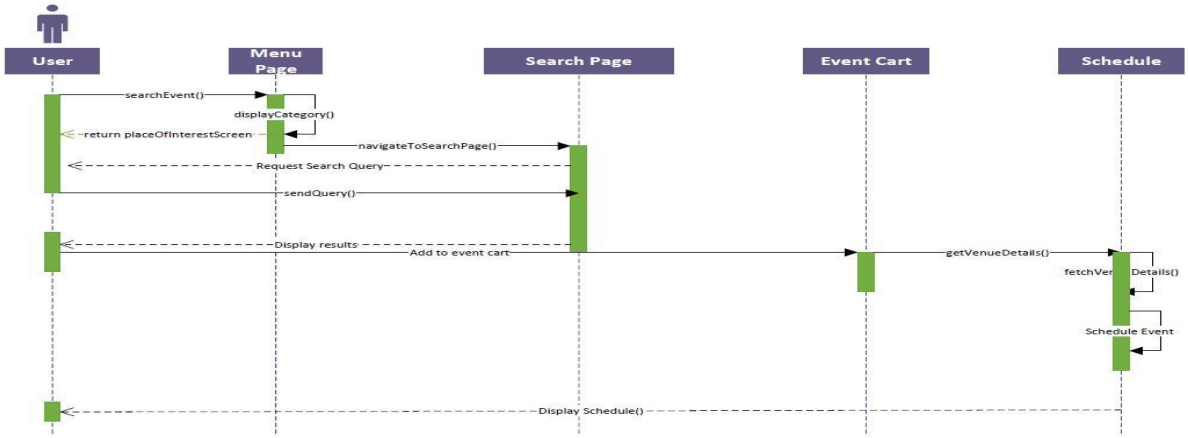
Sequence Diagrams:

Sequence diagram is an interaction diagram that shows how process operate with one another and in what order.

Sequence Diagram for Signin & Signup:



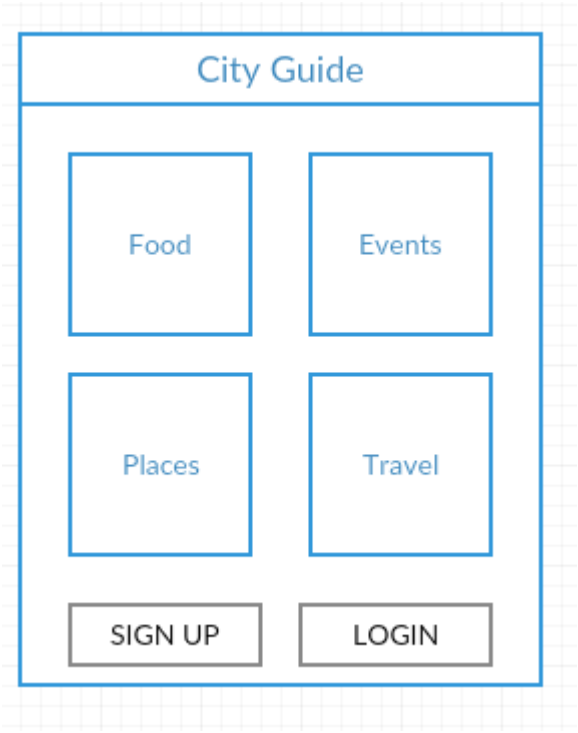
Sequence Diagram for Scheduling events:



Wireframes:

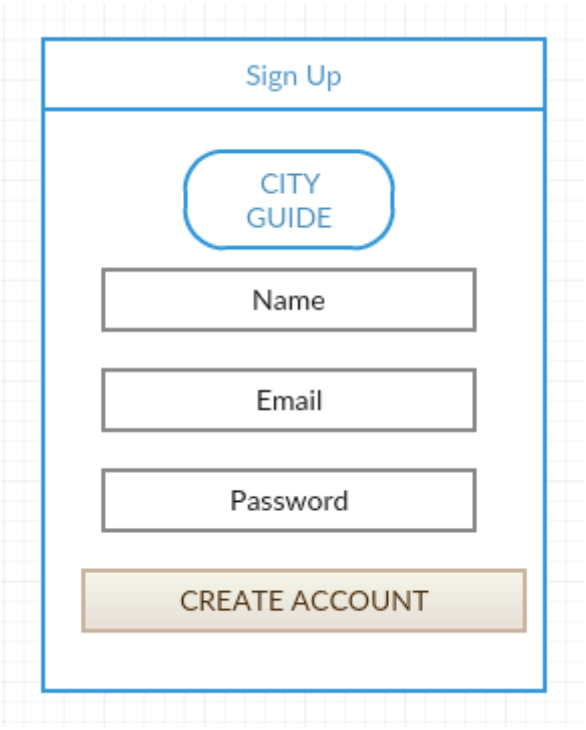
Wireframe is a blue print that represents skeletal framework of an application.

Wireframe for Homepage:

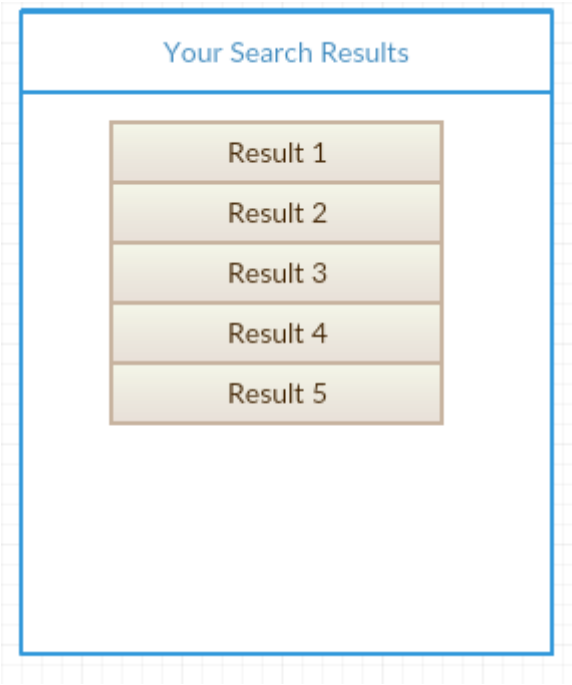


Wireframe for Login Page:

Wireframe for Signup Page:



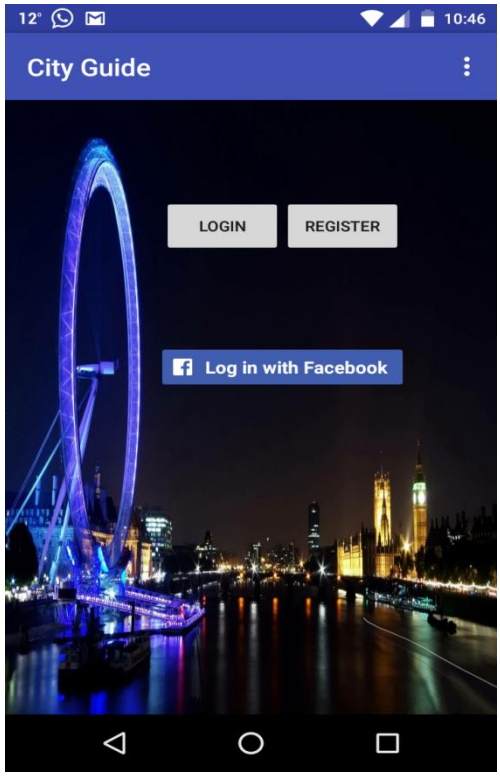
Wireframe for Search Page:



Wireframe for Schedule Page:

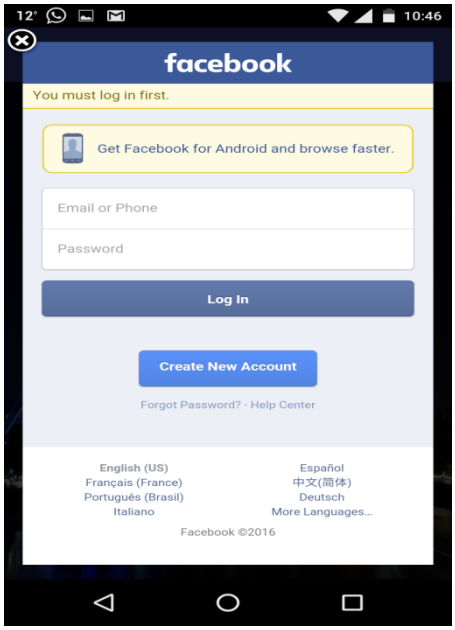
<u>Output Screenshots</u>:

Login & Signup Page:



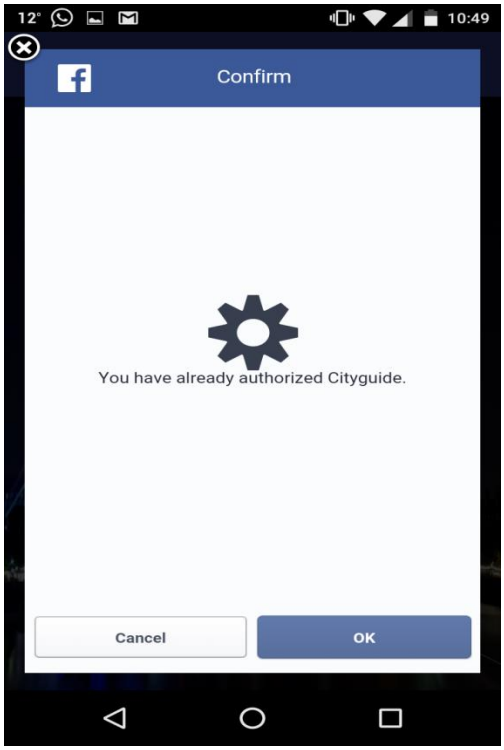
Facebook Login Page -1:

If we click on Login with facebook option, than following page will be opens:

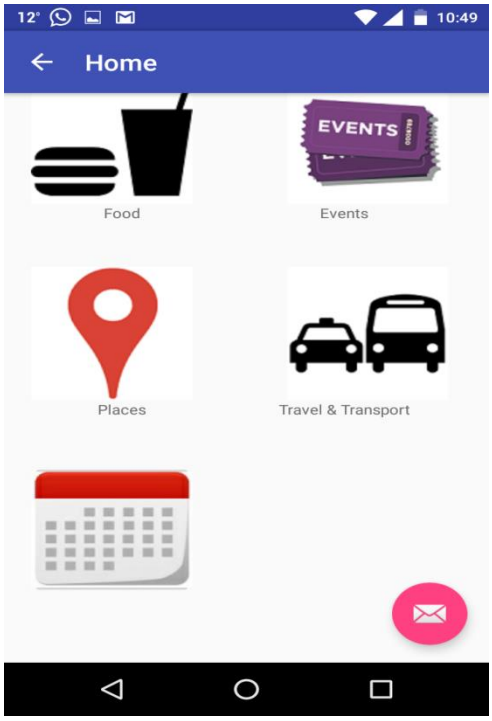


Facebook Login Page -2 :

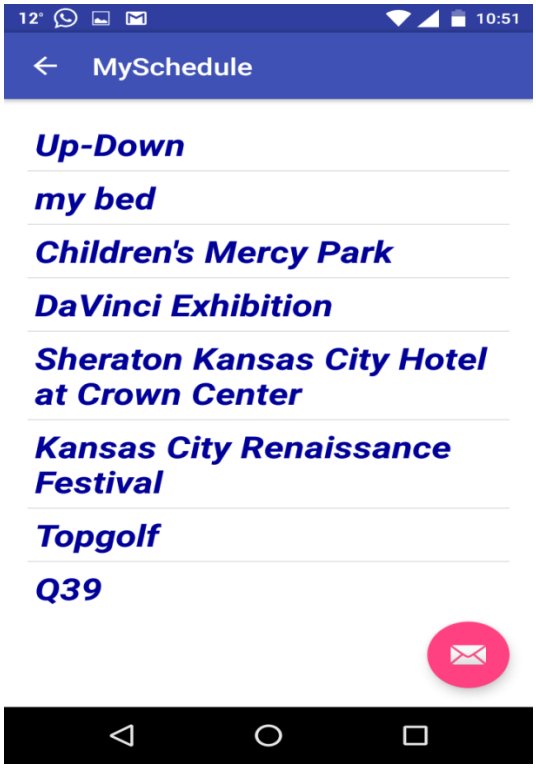
If we enter correct credentials, following page will be opens.



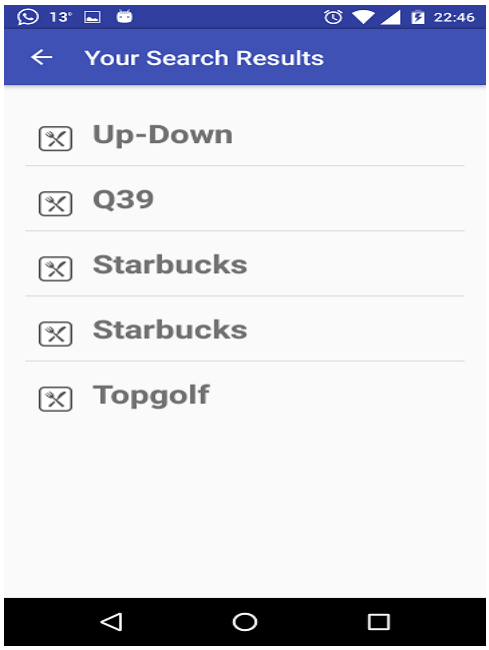
Home Page:



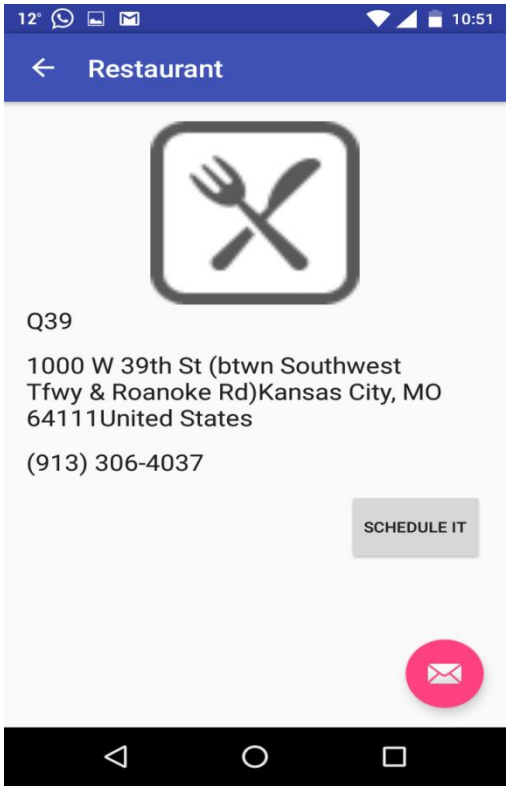
Schedule Page:



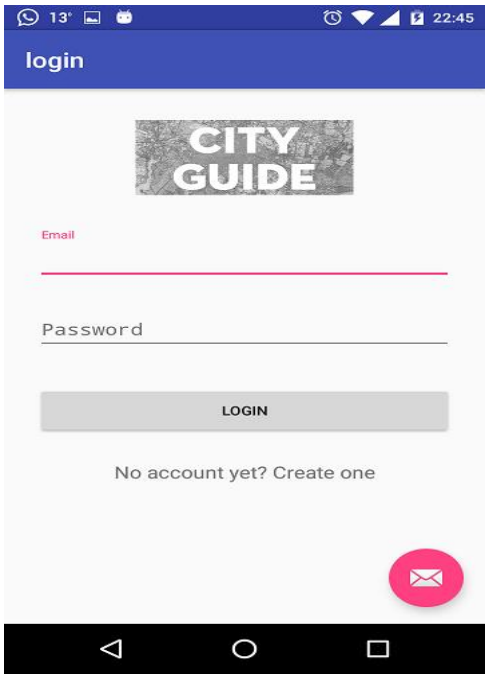
Search Page:



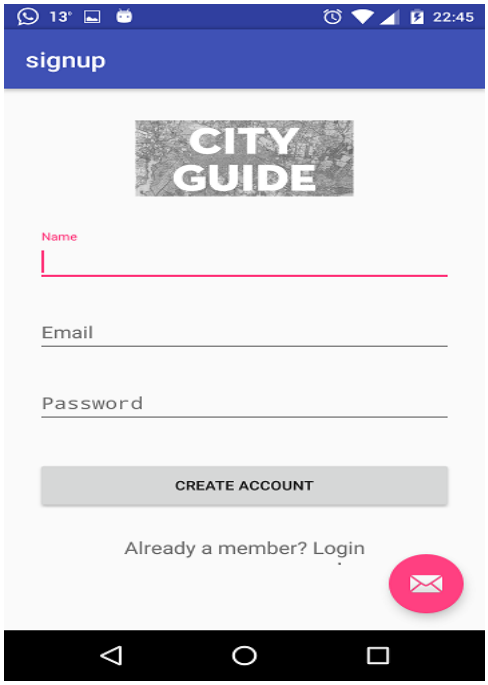
Details screen:



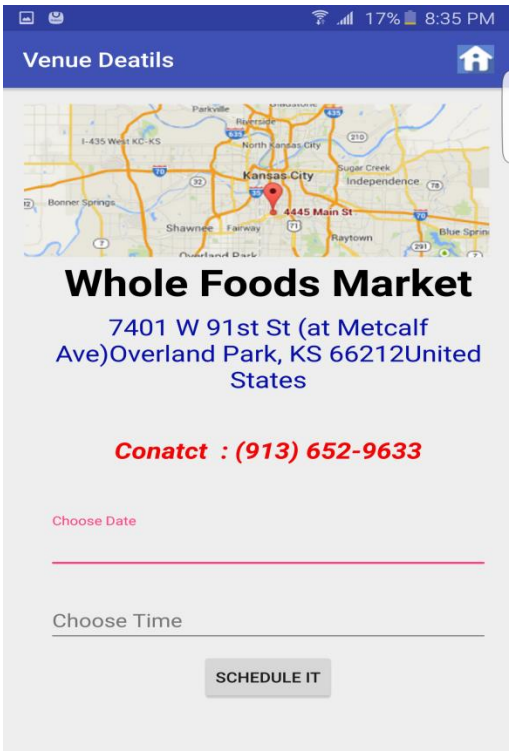
Login Page:



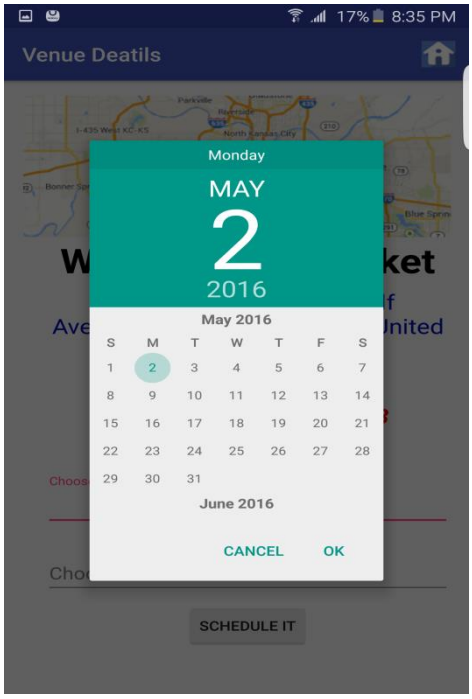
Signup Page:



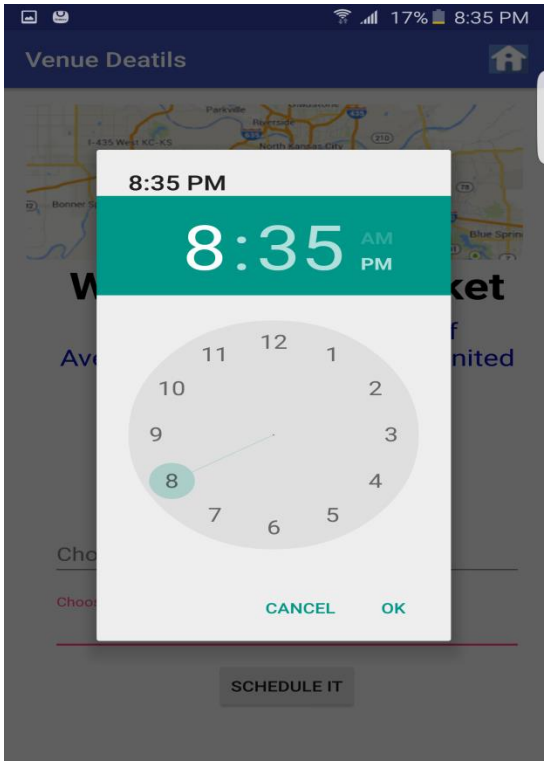
Venue Details Page:



Scheduling Page – Date:



Scheduling Page – Time:



Testing:

Test Case1:

ID	Test_case#1
Title	Select a category
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened

Test Steps	Open the Application. Click on the desired image button.
Expected Results	A list of results near and around the user must be displayed.
Actual Result	A list of results near and around the user must be displayed.

Test Case2:

ID	Test_case#2
Title	User registration
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, click on signup button. Enter user data and click on create account button.
Expected Results	Account is created and redirected to home page.
Actual Result	Account is created and redirected to home page.

Test Case3:

ID	Test_case#2
Title	User Login
Pre-Conditions	GPS should be enabled, Internet Service must be Provided, Application Should be opened
Test Steps	Open the Application, click on login button. Enter your credentials and click on login.
Expected Results	On successful login user is redirected to home page.
Actual Result	On successful login user is redirected to home page.

Project Management:

Members:

S.no	Name	Class ID
1	Muktevi, Venkata Sathya Vamsi Krishna	31
2	Tummala, Vijay Kumar Tummala	55
3	Murakonda, Sravani	34
4	Panja, Kumara Satya Gopal	41

Task Responsibility:

S.No	Name	Task Responsibility
1	Muktevi, Venkata Sathya Vamsi Krishna	Development, Functional Scheduling, Android Framework Architecture, Wire frames, Facebook Login,

		Database Management
2	Tummala, Vijay Kumar Tummala	Development, Requirements Gathering, Documentation, Wire frames, Designing Schedule Page, Integration
3	Murakonda, Sravani	UI Designing, Android Framework Architecture, Functional Testing, UML Diagrams, Facebook Login, Integration testing
4	Panja, Kumara Satya Gopal	Task Scheduling, Unit Testing, RequirementsGathering, Designing s Scheduling Page, Documentation, Database Management

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https://developers.google.com/maps/documentation/

https://developers.facebook.com/docs/

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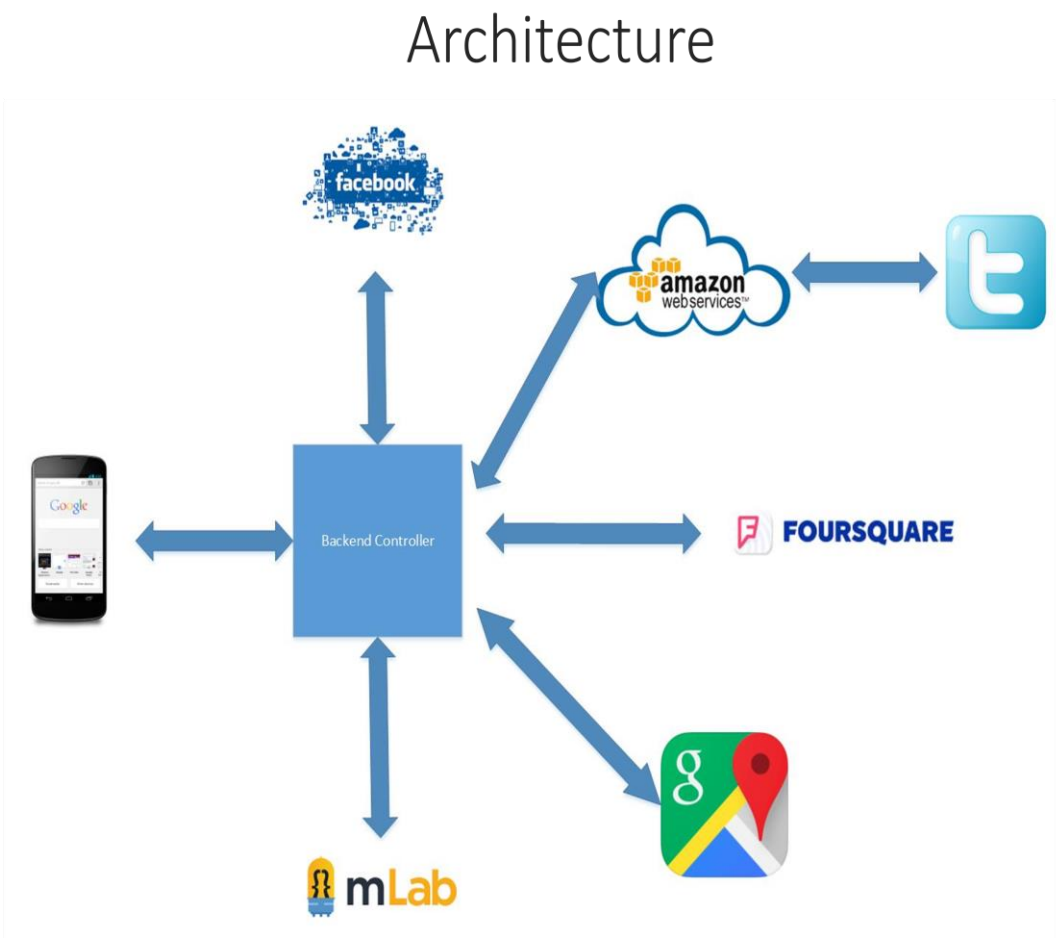
http://www.programmableweb.com/

https://stackoverflow.com/questions/2736389/how-to-pass-an-object-from-one-activity-to-another-on-android

9 Presentation Slides:

Slide1:



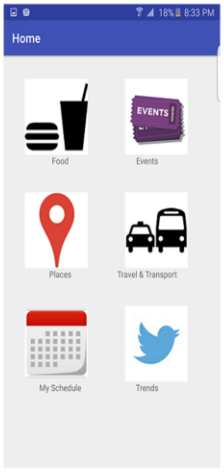
Slide2

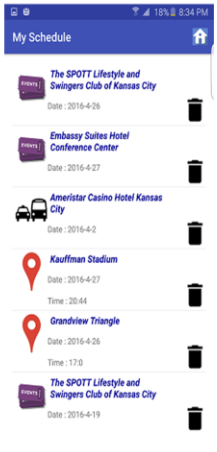
Features

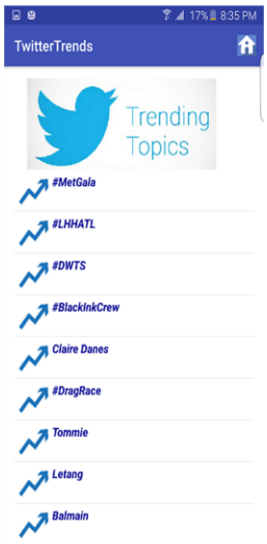
- Near by restaurants
- Near by events
- Near by places to visit
- Near by transit options
- Near by trending events
- Scheduling a visit to a venue
- Planning a complete program
- Login with facebook

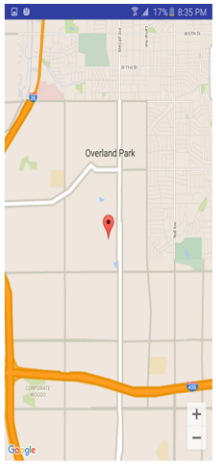
Slide 3

Screenshots









10 Github URL:

https://github.com/SCE-UMKC/ASESP16_CityGuide_15

11 YouTube Video URL:

https://www.youtube.com/watch?v=qYBO9CoTAVQ