Final Project Report

User manual

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.
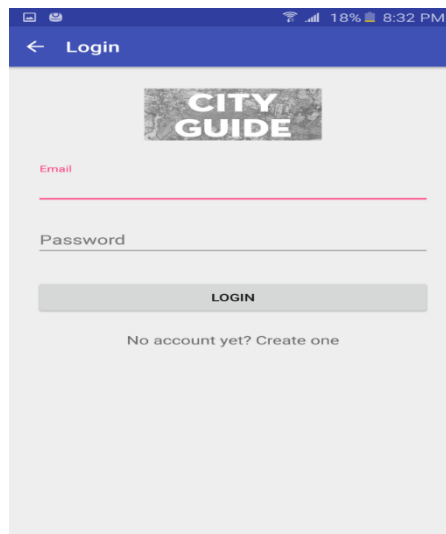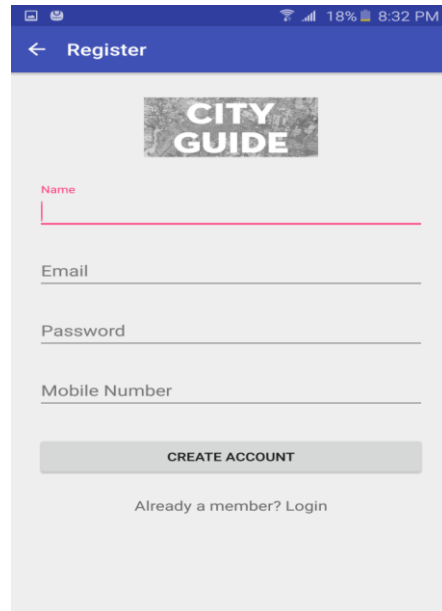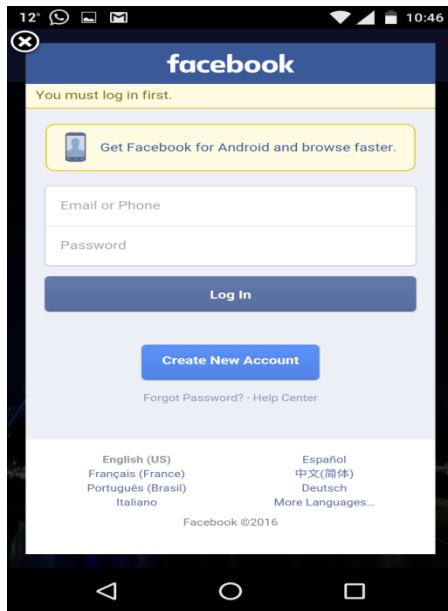
Our main objective is to integrate all the useful web services that provide information about restaurants, entertainment, transport, events and places on to a single platform. This application also allows user to prepare a schedule of the day visits by combining all the information in the user's schedule 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.
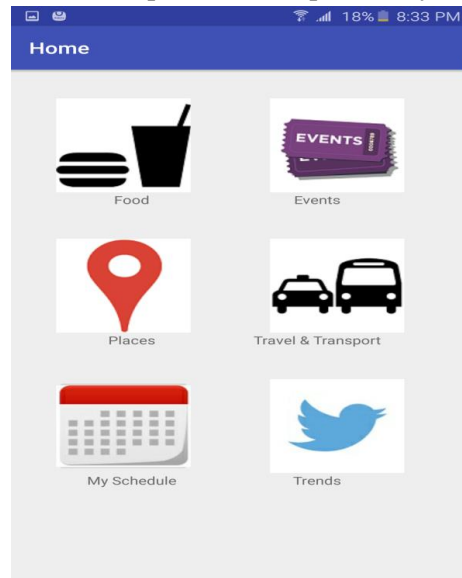
How to use the application:

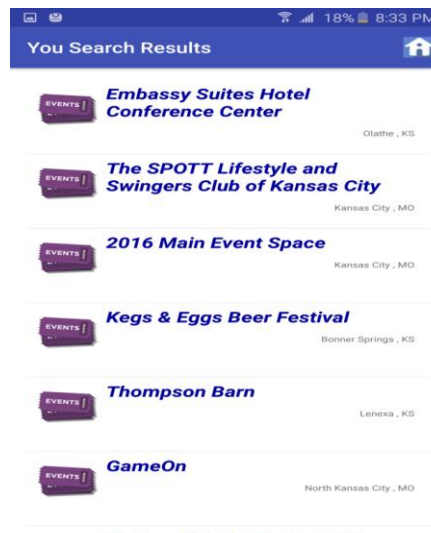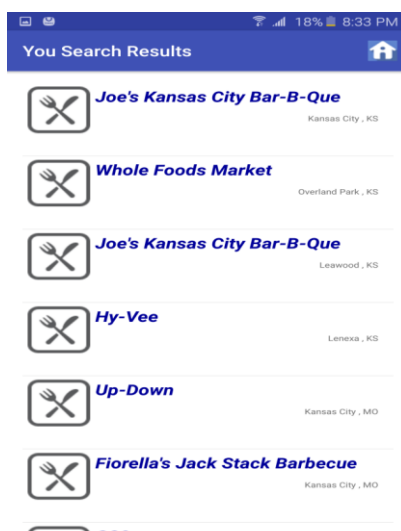- The user can see the main page when the user clicks on the icon.

- The user can register with the app and do a login or do a facebook login to enter the app.
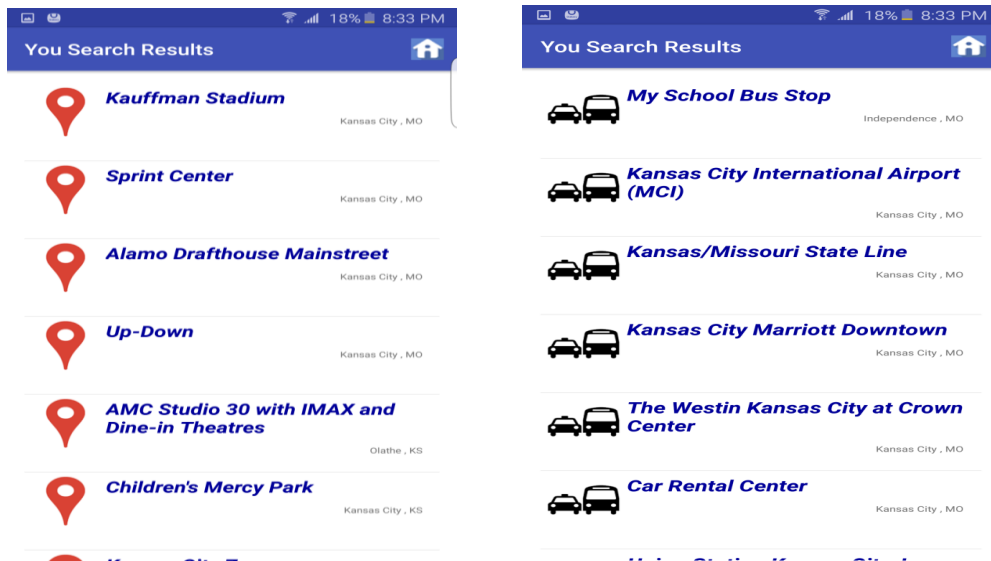
- Once the user logs in the user will be redirected to home screen of the application where the user will have the option for searching nearby restaurants or famous places or events or trends that are happening nearby his location and option to view previously scheduled visits.
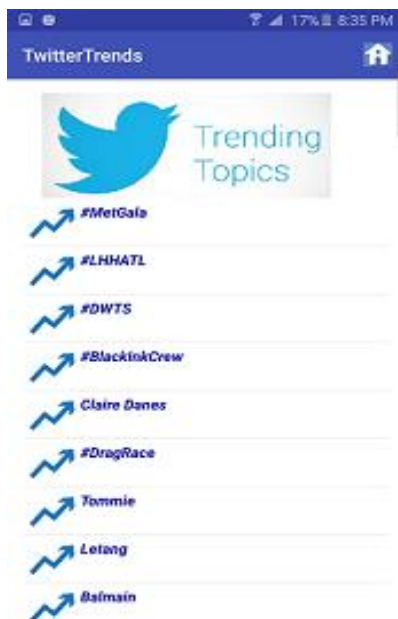

- Once user clicks on any one of the option he will be redirected to the respective search results list page.

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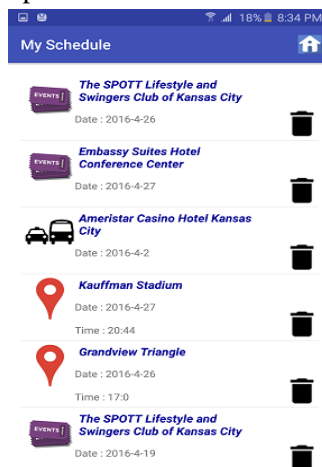

- Once the user clicks on the trends icon the user will be redirected to the trends screen.

- 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.

Project Management

Individual Contribution:

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.

Individual Contributions

Legend: ■ Vamsi   ■ Vijay   ■ Gopal   ■ Sravani