

First Project Proposal – 01/29/2016

Group Number: Team 15

Project Title: Integrated Tourist Guide Application

Group Members:

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Project Goal and Objectives

❖ Motivation:

- We have several tourists/visitors struggling a lot by browsing different websites for gathering information about the restaurants, transport, shopping places, places to visit and events, when they visit a new place/city. They have to make note of all the information and sort them 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 it 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 applications popular among a specific region or category (transport, shopping, restaurants, events etc.). Our application integrates all such web services and provide information in most useful and user friendly manner. User also has an option of bookmarking events and scheduling the programs using our application and get notifications. All this features makes our application unique, user friendly and informative.

❖ Objectives:

- Our main objective is to integrate all the useful web services that provide information about shopping, restaurants, entertainment, transport, events and places to visit on to a single platform. We integrate the information available in different web applications and display them to user based on user search criteria. This 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 registration

- User Login
- Different categories in menu
 - Shopping
 - Restaurants
 - Events in the city
 - Places to be visited
 - Transport
 - Entertainment (Movies, shows)
- Listing the outcomes based on user search criteria.
- Adding the interested out comes to Wish List.
- Planning a tour schedule based on wish list.
- Displaying previous visits.

Related work

In order to address the issue we started searching for different available web services. We have found an application “foursquare.com”. This is a versatile application providing all the required information to users regarding shopping, restaurants etc. The application we planned to develop is proving solution significant to tourist problem which includes information about transport, historic tourist places and events in the current city. Also users make a tour schedule using our application.

<https://foursquare.com/>

Backup Project

We thought of developing an application useful for students. Students seeking higher education in abroad needs do a lot of browsing to gather information of different colleges, there course and fee structure. We have an idea of developing an application which accepts entire students profile and evaluate and provide the students the best suitable colleges. We collect the admission requirements from the university websites. Also application suggests student about test scores required and drawbacks in the profile to get an admission in to a particular university.

Bibliography

<https://developers.foursquare.com/>

<https://developers.google.com/maps/documentation/android/intro>

<http://business.intuit.com/boorah/docs/syndication/integration.html>

<https://api.uber.com/v1>

<https://events.com/>

