Project Description

Title:

City Tour Planner – Android Application

Description:

One of the pitfalls (among many advantages) of an increasingly work-oriented and technology driven society is that people have less time to attend to hobbies and interests. People seldom have the time to do what they do best. It would be a viable effort if a step could be taken to allow people to unwind – without having to disturb their daily routine and work ethic.

The "City Tour Planner" application aims to put the pervasive nature of technology to good use by providing a smartphone-based solution, allowing users to plan a single-day city tour, hence relieving them of the need to plan trips in advance and set aside a dedicated time period for that purpose. Our main aim for users of this application is for them to be able to enjoy all that a city has to offer within individual time constraints and work commitments.

Requirements of the project:

Essential Requirements:

1. Allow users to set up a profile
2. Allow users to set up places of interest
3. Allow users to customize time slots and search criteria for each trip
4. Retrieve and integrate relevant information from different sources (.e.g. Trip Advisor, Google Maps etc.)
5. Output the search results for the users to visualize and use
6. Generate a possible tour based on the user's interests and given start and locations and start and end time

Recommended Requirements:

1. Optimize search results based on user preferences
2. Provide trip suggestions to users based on their personal preferences
3. Provide an estimate of the cost the particular trip will incur.

Optional Requirements:

1. Display information regarding the things-to-do in a city, thus enabling users to make an informed choice
2. Include pictures of these, along with user-reviews of the most popular tourist spots.
3. Allow users to rate trips on a scale of 1 to 5
4. Allow users to give suggestions on how to improve the application and what other features they think should be included
5. Allow the choice of different modes of transportation