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GitHub Username: Anirudh23

TravelAdvisor

Description

TravelAdvisor makes it easier to find nearby hotels, great restaurants and places to visit where-ever you go.

The app is mobile friendly and easy to use with following features.
1. Find the best nearest hotels , with reviews and contact information

2. Discover the places to visit near you
3. Explore restaurants with reviews and contact info
4. Add our own experience with a photo.
5. Check flight tickets and availability.
6. Use GPS to get more detail near your location.
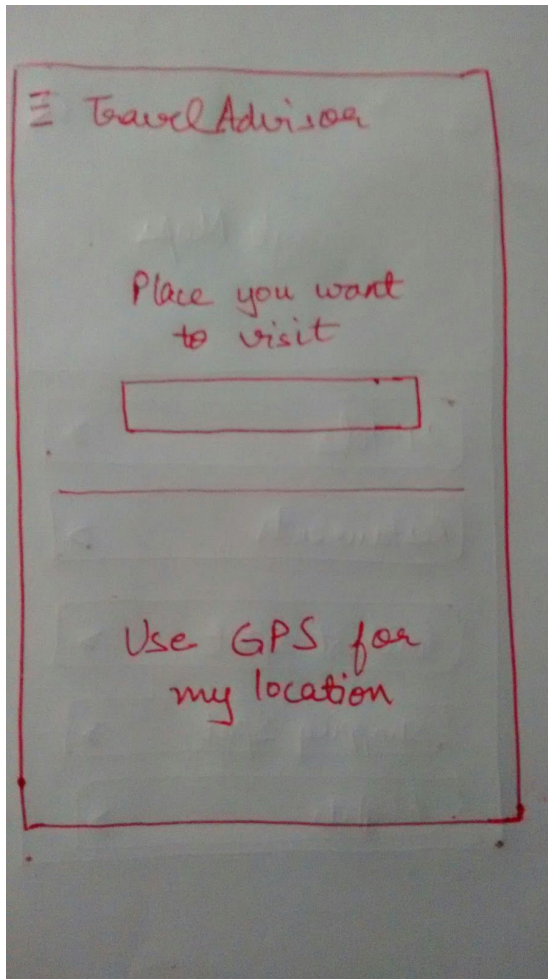
Intended User

Travellers

Features

List the main features of your app. For example:
- Find nearby Restaurants
- Find nearby hotels
- Details of Tourist spots
- Nearby shopping centre and much more
- Check flight availability

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1

First screen to allow users to enter the place that they will be visiting, or to use their device GPS to access their current location.
It will be a simple screen with autocomplete text view showing users with various places in the list.

Screen 2

This screen contains a Google Map Widget to provide users to view the location they selected on map. They can change their location by using a pin to mark in map widget.

Then , the screen shows a list of features users can select. These include Hotels, restaurants, tourist place, shopping spots and flight availability to that location.

For eg if you are currently in Delhi, and you want to visit jammu, you can check hotels in jammu (or in a particular region in jammu), restaurants, tourist places you can visit along with flight availability.

More features like train and bus availability may be added to the app along with booking options.

4

At an early stage, I won't be able to provide booking features, but I will try to connect this with various sites to allow booking.

Key Considerations

How will your app handle data persistence?

The app will use a database to store information for caching purpose, and external SD card to allow users to save information offline.

Describe any libraries you'll be using and share your reasoning for including them.

1. Picasso will be used for image loading.
2. Design support library
3. Parse library for online server
4. Facebook sdk to allow login from facebook
5. Volley library for background data fetching.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

1. Search and setup libraries that may be required for development
2. Implement requirement analysis.
3. Design the flow of project
4. Setup Google places API

Task 2: Implement UI for Each Activity and Fragment

- Build UI for each activity.
- Design a splash screen
- Build UI for fragments like restaurants screen, hotel screen
- Design UI to display information for each restaurant and hotel

- Design UI for shopping center.

Task 3: Implement Google Places API and other APIs

- Implementation of Places API to retrieve data
- Implement API to retrieve flight availability
- Display the result in an appropriate manner.
- Design layout to display result

Task 4: Designing for Tablets

- Design app for tablets
- Check compatibility with older phones
- Enable layout mirroring

Task 5: Testing and Debugging

- Design Test cases and perform test accordingly
- Analyze the bugs
- Compatibility with older phones

Task 6: Implement Google Play Services

- Add Admob to the app to generate revenue
- Add Google analytics to analyze the app
- To analyze new users and their behaviour

Add as many tasks as you need to complete your app.

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