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Submission Instructions

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2. Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
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GitHub Username: Th3Snehasish

Triplt

Description

Trip it makes it easier to find nearby hotels, pubs, restaurants and where to visit where ever you go.

What it does?

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

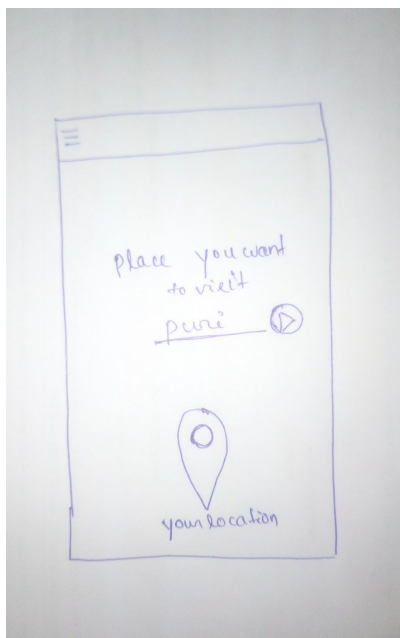
Our Intended user is each and every type of Traveler and explorer. And those who love to read reviews about different places.

Features

- Find nearby Restaurants
- Find nearby hotels
- Details of Tourist spots
- Nearby shopping centre and much more
- Check flight availability

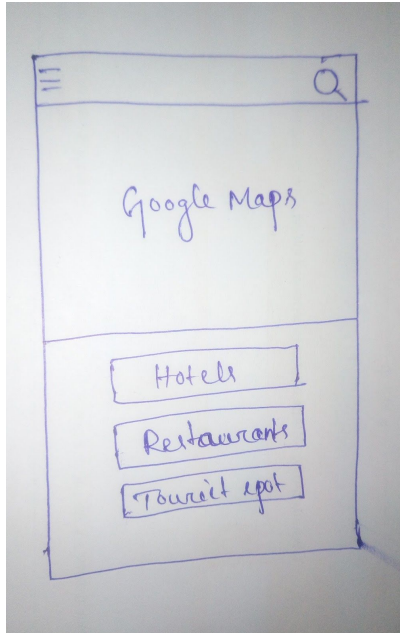
User Interface Mocks

Screen 1



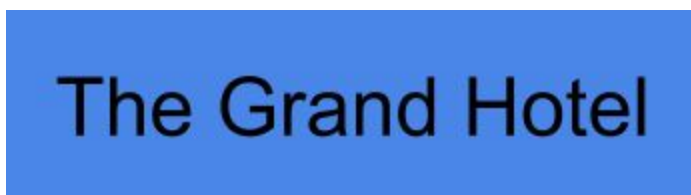
First screen to allow users to enter the place that they will be visiting, or to use their device GPS to access their current location. It will be a simple screen with autocomplete text view showing users with various places in the list.

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.

Widget



The Widget will show the latest saved Hotel Name on the screen and by clicking on it, it will go to the hotel details page.

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 corner cases in the UX.

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.

If my Device is Rotated:

The screen orientation wont change. Because I dont want the app in the landscape mode.

If there is no internet Connection:

There will be a Toast message saying, Please connect to internet to use this application.

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: Your Next Task

- Implementing the Registration and Login Feature

App design specification demonstrates implementing all features required for **Project 8: Capstone, Stage 2 - Build.**

1. I will use Widgets to show Saved Hotel Details on Home Screen.
2. Content Providers will be used in case of Sharing, Calling the Phone number of Hotel etc. and Opening the Websites within a Browser.
3. I will be using Google Places API, Google Maps API and room2rio api in the app. Google Places API will be used to get Place details as well as auto suggestion, Google Maps api will be used for Maps and Cordinates and room2rio api will be used to get flight detials.
4. It will use Intent Service and it will ask for Api call per request.

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