

PESU IO PROJECT

MASTERING ANDROID APP DEVELOPMENT



A Project by :

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EASY TRIP

Introduction

The most common problem faced by tourists is not knowing the place well. Most often they are given inaccurate directions, tricked into paying more money for travel. Besides the problem of making decisions as to where to go next is always present.

Our app seeks to find a solution to this. We made use of the google maps api and use of gps to track the user's location. Based on this, the user will be given real time suggestions on tourist destinations around him, Restaurants around him and also lodges.

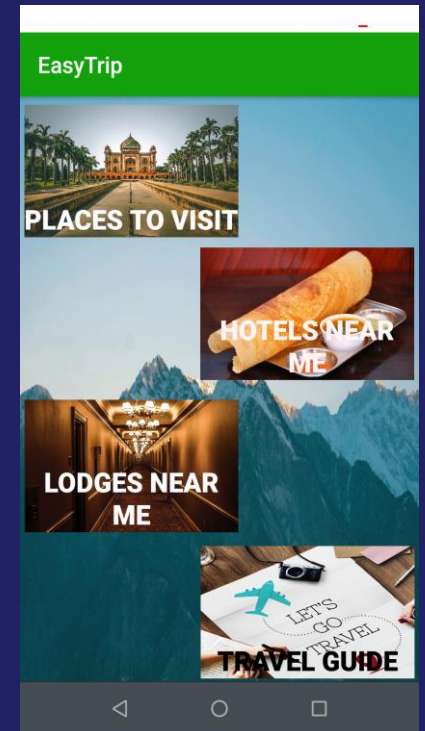
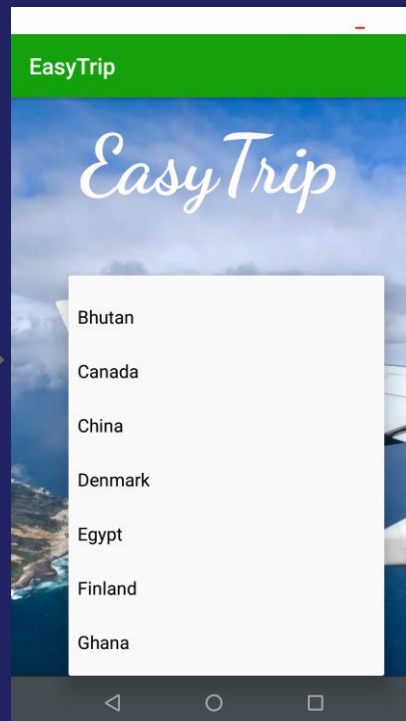
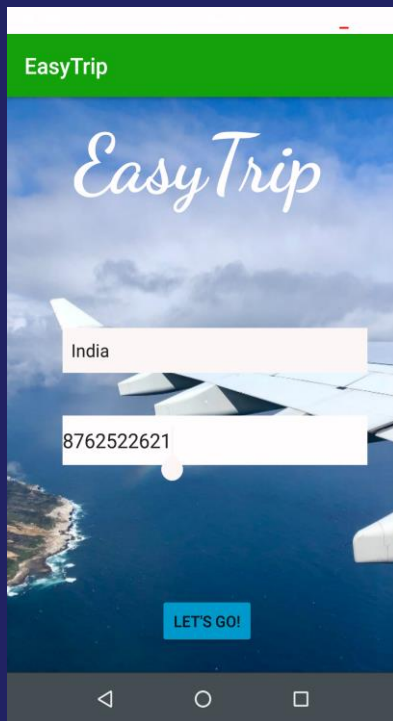
What is so special about this app then?

- This app has a feature called travel guide which makes use of the weather data, information about opening and closing time of the place to be visited, the distance of the place from current location etc to give an almost accurate suggestion on where to go next to manage the time efficiently.

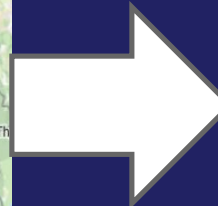
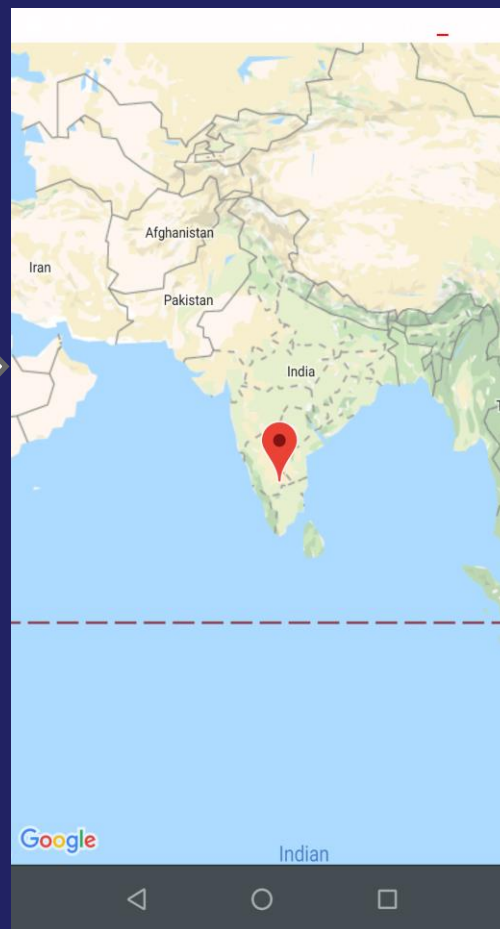
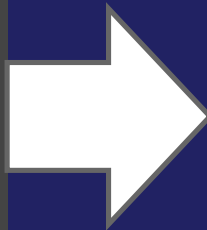
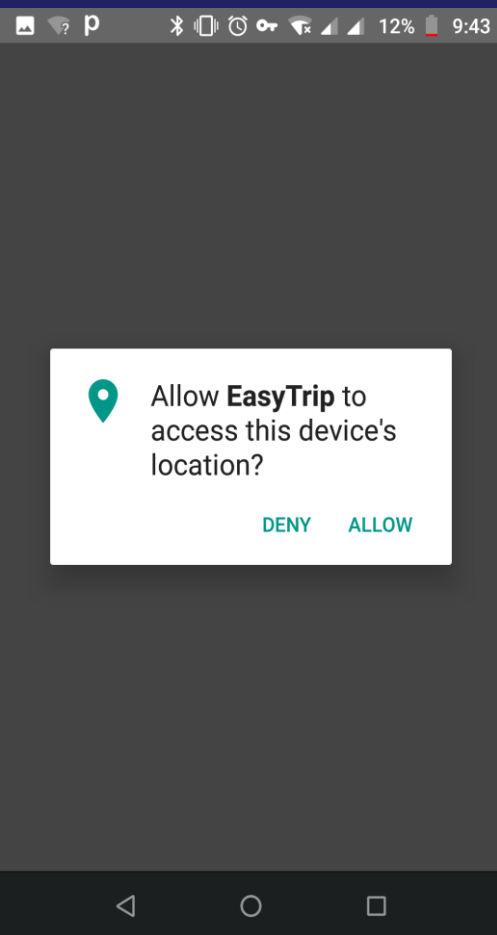
What components have been used?

- We used the Google Maps API to render the map of the given location specified by the coordinates of the point. The **Maps API** automatically handles access to Google **Maps** servers, data downloading, **map** display, and response to **map** gestures.
- We also used the GPS sensor in the phone to get user coordinates to then plot on the map.
- We also made use of basic concepts like intents, fragments, error handling etc.

Screenshots



SCREENSHOTS



Future scope

Due to time constraints we were unable to implement the travel guide and also listing restaurants though they can still be seen on the map.

We seek to fix these which upon successful completion will make an app which can truly help a tourist to make the most of his trip.



Thankyou

