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# Backpacker

## Description

Backpacker is a smart travel guide, which will help you plan your trips the best way possible. Personalise your trip by exploring tourist attractions, hotels, restaurants, stores and other amazing places. Backpacker will show you detailed information along with real reviews about each and every place you want to visit.

## Intended User

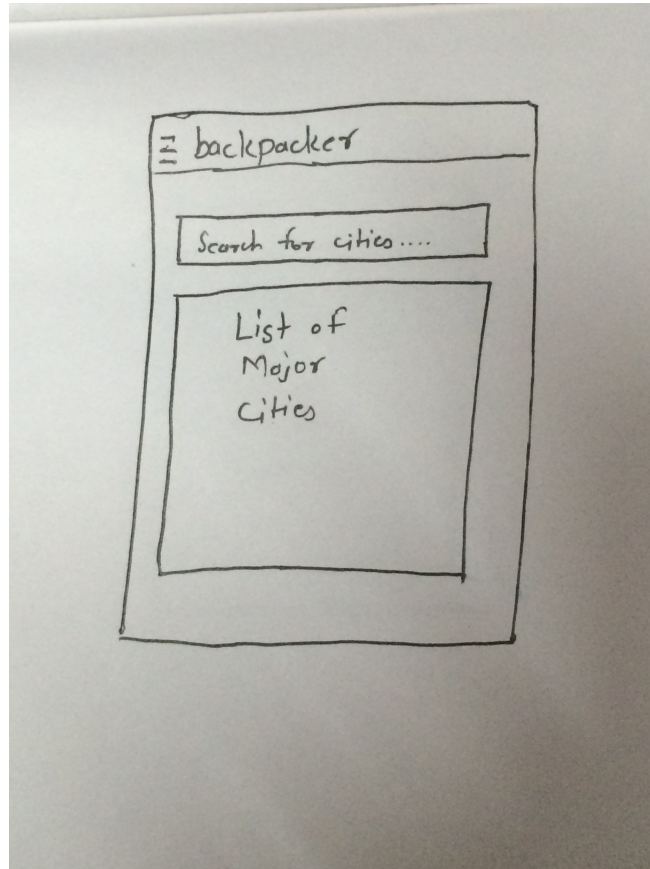
For any traveler in the world who wants to find out best places to visit across globe.

## Features

- Discover the places to visit near you.
- Explore tourist attractions, hotels, restaurants in that city, along with its reviews and contact information.
- Check flight tickets and availability.
- Get detailed information about tourist spots.

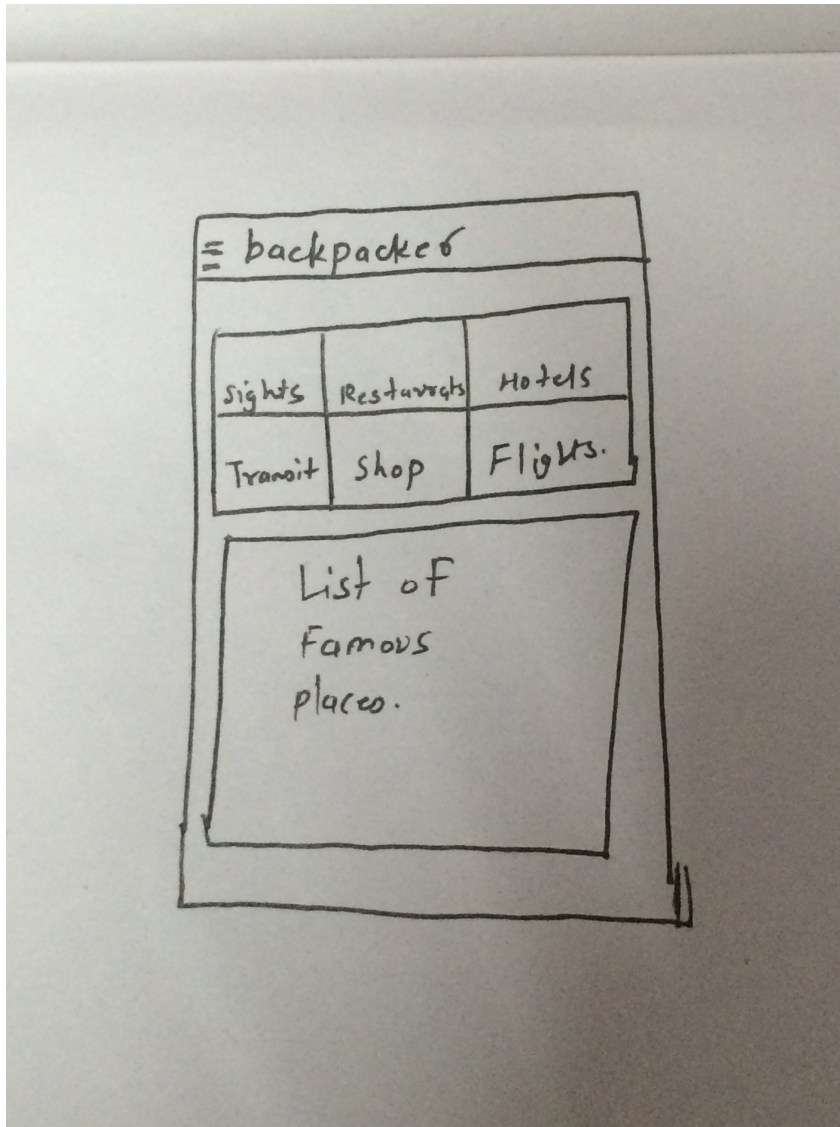
## User Interface Mocks

### Screen 1



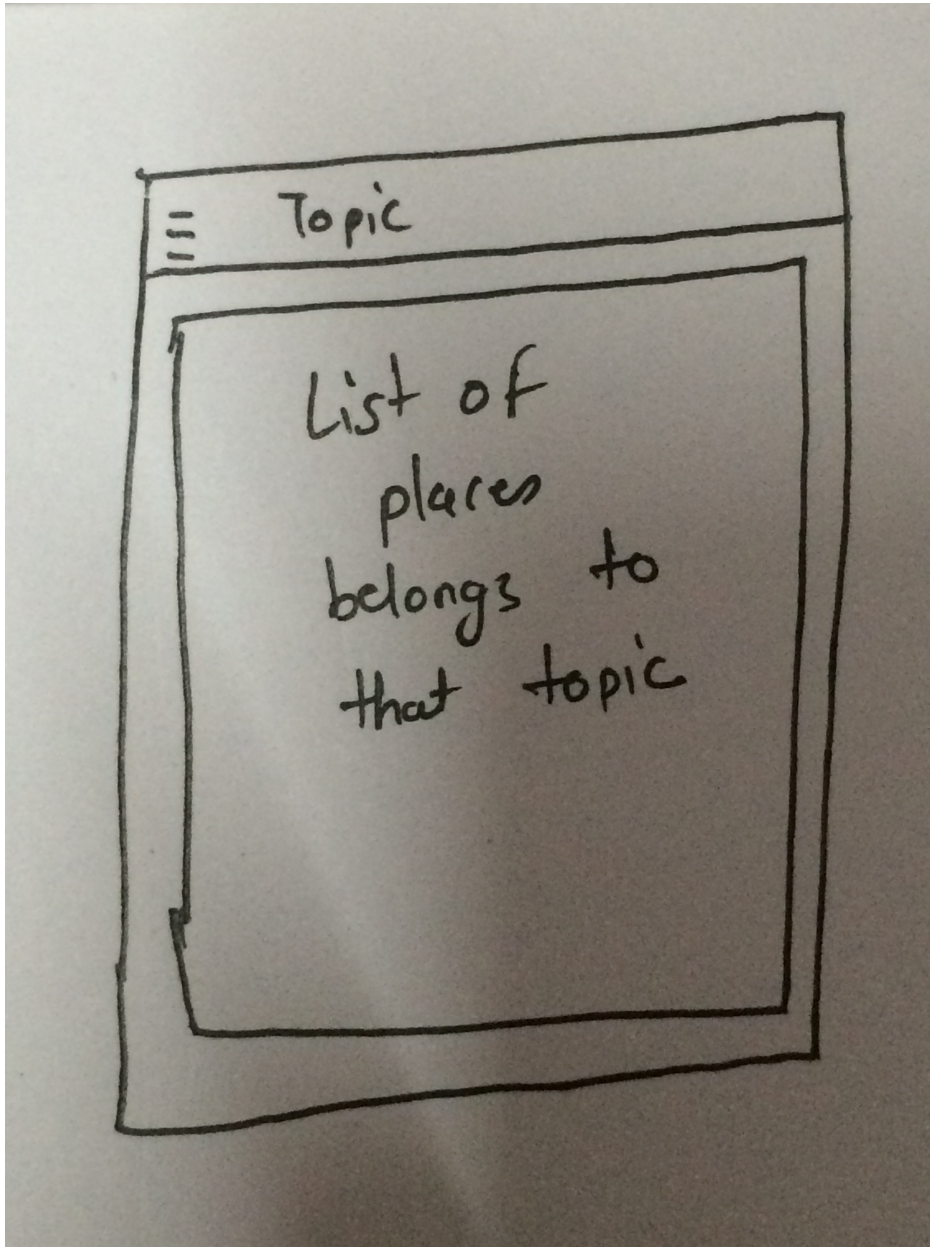
This activity will allow user to select any one of the cities specified in list of major cities. If user don't find required city in the list, he/she can search for that using the search bar.

## Screen 2



Once the user selects his/her preferred city, then this activity will show few topics like sights, restaurants, hotels etc as shown in image. User can select any one of those topics to find places belongs to that topic. Following this topic menu, there is list of most well known places present in that city.

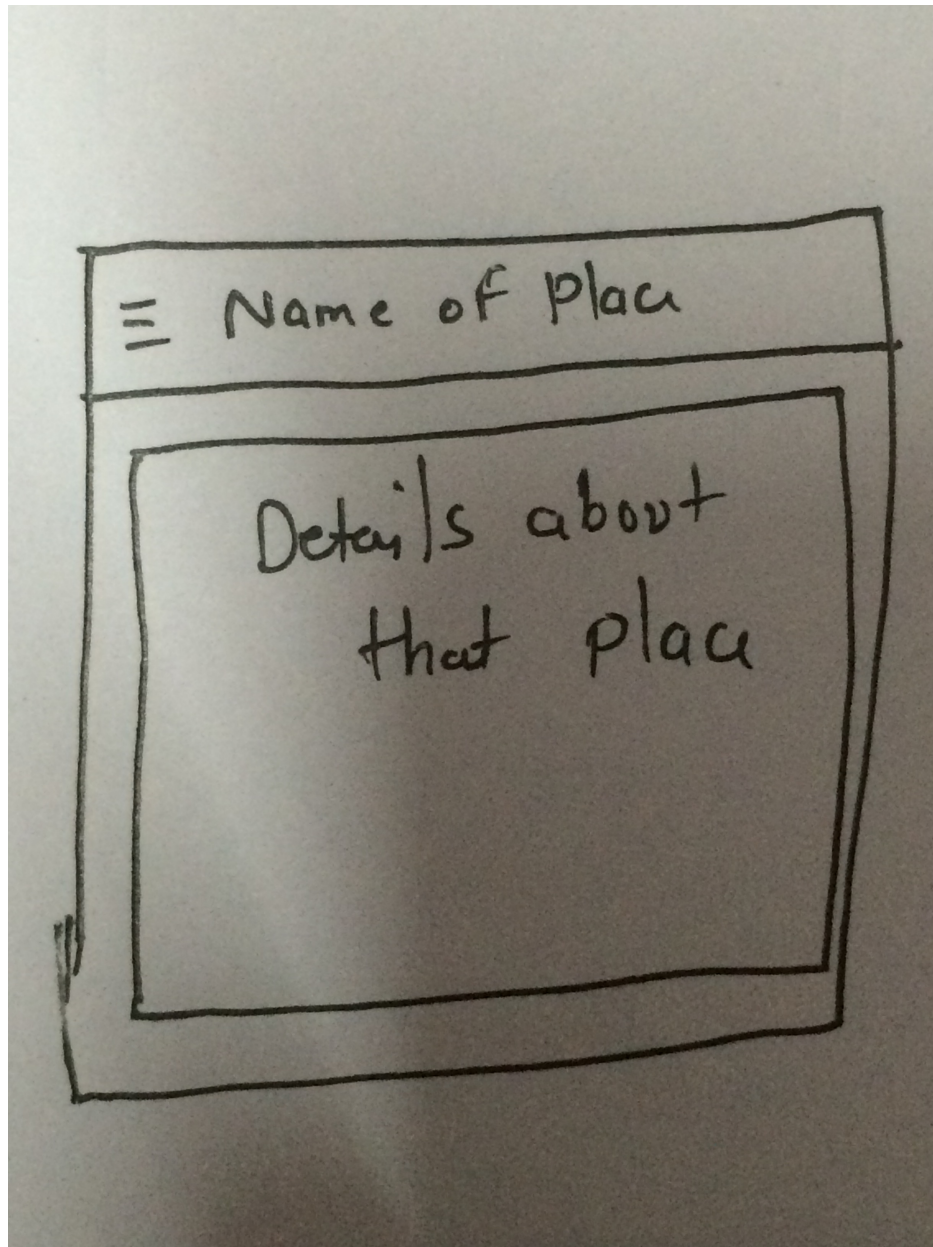
### Screen 3



This activity will show list of places belongs to that particular topics. As stated earlier topics are sights, restaurants, hotels etc. For example, if user selects topic hotels then this activity will show list of hotels present in that city.



## Screen 4



Once user selects any one of the place from the list, this activity will show details about that selected place. Details includes general information like name, contact information etc.

## Key Considerations

### How will your app handle data persistence?

Information about tourist attractions and other places will come from an external API ( most possibly Google Places API ). The app will save data locally with the help of SQLite and ContentProvider.

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

- [Picasso](#) : For downloading images and caching them
- [Retrofit](#) : For fetching data from external API
- Design Support Library : To have Material Design
- Recycler View : To show lists

## Next Steps: Required Tasks

### Task 1: Project Setup

- Configure Libraries
- Setup Gradle Dependencies
- Structure the project into packages: Activities, Fragments, Models, Services etc.

### Task 2: Gather data from external API

- Write helper classes using Retrofit lib.

### Task 3: Implement UI for Activities & Fragments

- Build UI for each activity.
- Build fragments for activities which shows list of places/flights.
- Design UI for activity showing details about place.

### Task 4: Implement Data Models & Content Provider

- Create data model classes
- SQLite database Setup and CRUD
- Implement data persistence

### Task 5: Testing & Debugging

- Tests for corner cases
- Compatibility with older phones.
- Rotation