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Travelers

Description

Travelers is an app to explore the places and show it to the world. In this app user can upload images or short videos, share the experience, location and happy moments with other travelers.
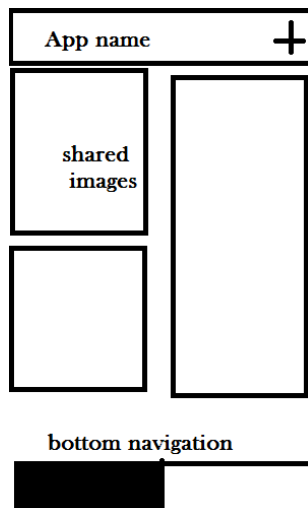
Intended User

This app is for travelers, adventure lovers, families, friends etc..,

Features

- Saves users information
- Saves images and short videos
- Takes and uploads pictures and videos
- Saves location
- Share memories and moments
- Gets notifications

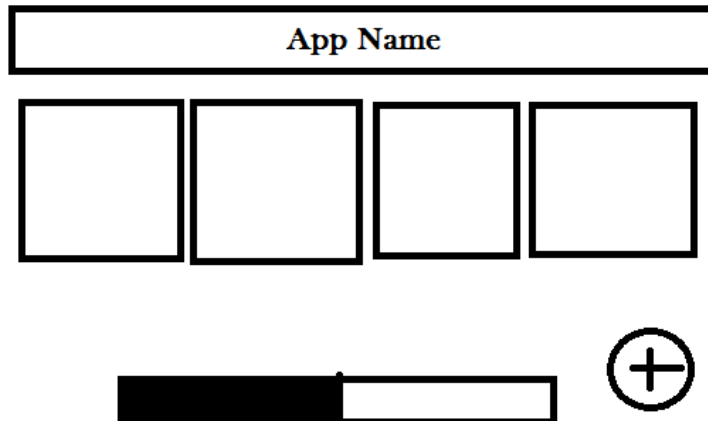## User Interface Mocks

Screen 1

Screen 2

App name

user details
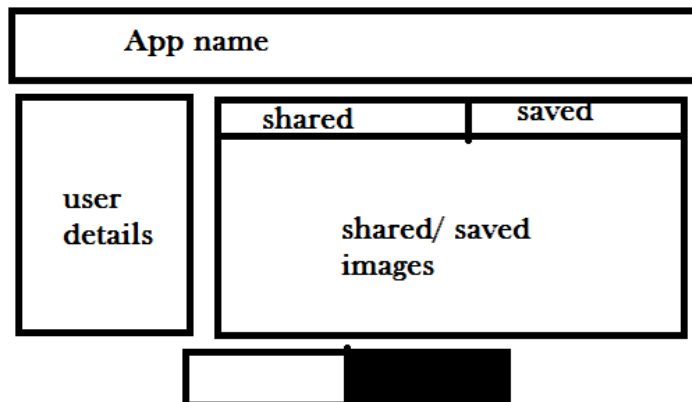
| shared | saved |

shared/ saved images

Screen 3

share

image/ videos

save

location details

location description

Tablet View:

Screen 1:

App Name

```
┌──────┐ ┌──────┐ ┌──────┐ ┌──────┐
│      │ │      │ │      │ │      │
│      │ │      │ │      │ │      │
└──────┘ └──────┘ └──────┘ └──────┘
```

⊕

Screen 2:

App name

user details	shared	saved
	shared/ saved images	

Screen 3:

Image/ video
location details and description

Widget View;

```
┌─────────────────────────────────────┐
│  Places you saved to visit in future │
├─────────────────────────────────────┤
│                                     │
│                                     │
│        list view with place name    │
│                                     │
│                                     │
│                                     │
└─────────────────────────────────────┘
```
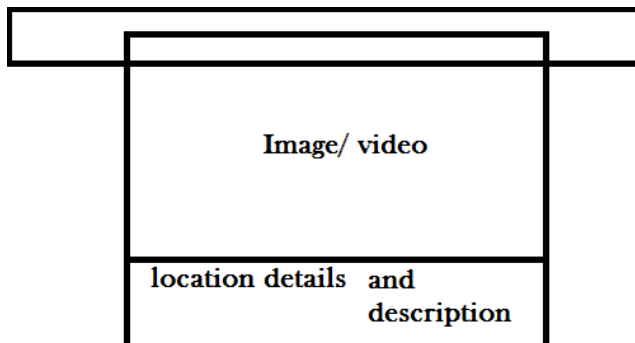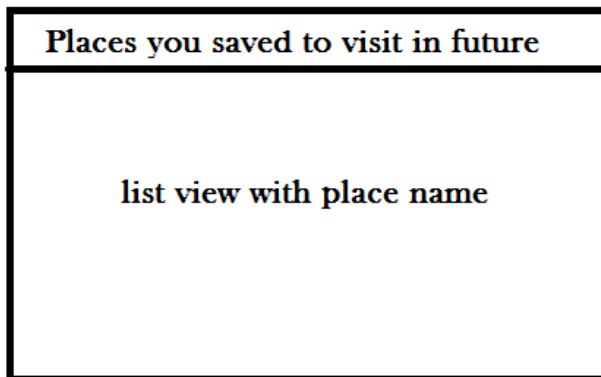
Key Considerations

How will your app handle data persistence?

Planned to use firebase real time database, because this app data needs to be opened in any device with user login details

Describe any edge or corner cases in the UX.

Since I have login activity in my app, there is a possibility that user may forget his password or he may want to change his password, to resolve this corner case I will be providing an activity "Reset Password".

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

1. Recyclerview to handle staggered and grid views
2. Picasso to load images
3. support: design to use coordinator or app layout
4. exoplayer or youtube player to play videos
5.google play services to find location and view map

Describe how you will implement Google Play Services or other external services.

1. Location services to search for a location
2. Maps to move to that location

Next Steps: Required Tasks

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

Task 1: Project Setup

- Collect user details to login
- Create a new project in android studio
- Configure libraries which are initially needed to start the project.

Task 2: Implement UI for Each Activity

Create UI for mobiles
   a. Screen 1 with shared image and title with staggered view and add button to upload images from gallery or take photo
   b. Screen 2 user's details and their shared adventures location, saved images section shows places you saved from other users to visit later.
   c. Screen 3 location details with images, description, etc..,
Create UI for tablets
   a. Screen 1 with shared image and title with grid view and add button to upload images from gallery or take photo
   b. Screen 2 user's details and their shared adventures location, saved images section shows places you saved from other users to visit later.
   c. Screen 3 location details with images, description, etc..,

Create user details, photos and screen 3 as fragments.

Store all the values and strings in corresponding resources directory

Task 3: Fetching details

- Write java program to upload data's to firebase
- Java program to fetch details from firebase database
- Place all the fetched details in corresponding position in layout
- This app regularly pulls or sends data to/from a web service or API, app updates in its Cache at regular intervals.(using Sync Adapter or Job Dispatcher)

Task 4: Animating views

- Explode transition while moving to detail activity.
- Slide transition from bottom for description