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Cards Keeper

Description

Cards Keeper allows users to store the details of visiting / business cards in the app. Users can fill the details from the business card in the app and save them. The saved card will be displayed alphabetically organized in a list.

Intended User

Salesman, businessman or anyone who have problems in keeping many cards.

Features

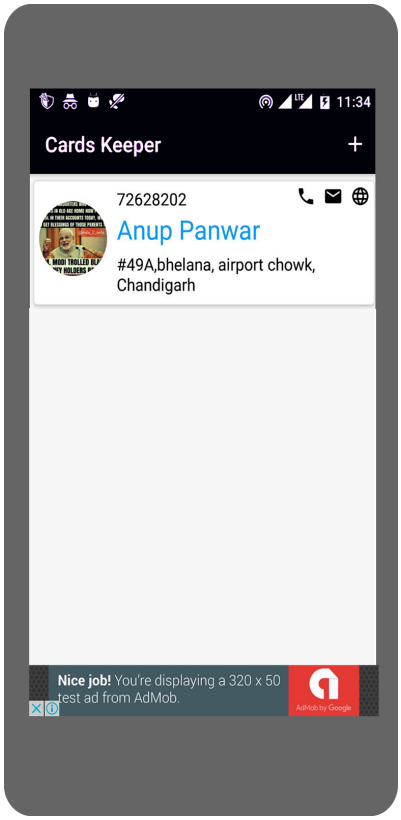
List the main features of your app. For example:

- Stores all the details of a card.
- Allows user to save a picture of the card owner.
- Displays the location of the card owner in a map.

User Interface Mocks

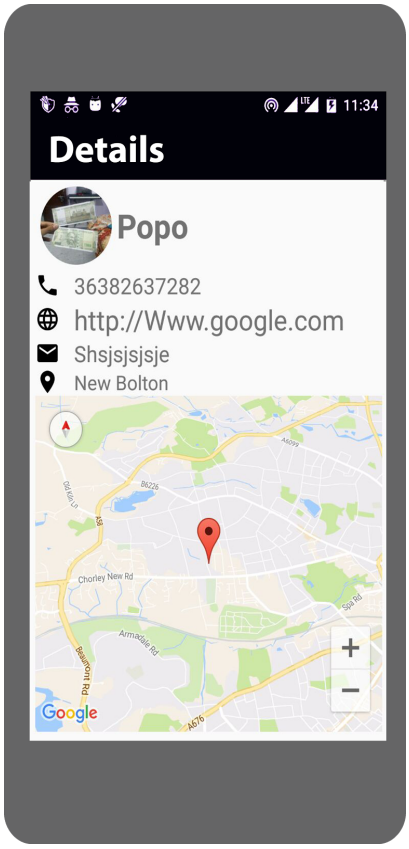
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



This is the main screen which has a listview containing all the cards sorted in Alphabetic order. There is also a button to add a new card. When user clicks on a card, he will ne navigated to screen 2.

Screen 2



This is the Detail activity, which contain the mane,mobile number,email,website,address and shows the address of the selected user on the map.

Key Considerations

How will your app handle data persistence?

Content Provider backed by SQLite will be used to store the data. Content Providers will be generated by using Schematic Library.

Describe any corner cases in the UX.

When on Details Screen, user can hit the back button and come back to main Cards screen (screen1).

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

- Glide for loading Images.
- Schematic for Content Providers
- EasyImage for image picking.

Describe how you will implement Google Play Services.

- Google Maps for showing selected card's address on a map in Details Activity.
- AdMob for displaying ads on Screen 1

Next Steps: Required Tasks

Task 1: Project Setup

- Determine Columns for database.
- Configure SQLite and Schematic to make Content Provider.
- Configure Glide and Easy Image

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for Main Activity - ListView for displaying cards.
- Build UI for Detail Activity
- Build UI for adding Cards
- Build UI for editing and Deleting Cards

Task 3: Functionality

- Integrate database with Add Card Activity
- Integrate Detail Activity with database.
- Add maps on Detail Activity
- Make a API and use AsyncTask to upload card details to a online database.

Task 4: Handle Error Cases

- Handle Error Cases - adding,editing,deleting,displaying
- Handle Screen Rotation and state changes.

Task 5: Enable Google Services and Make Widget

- Enable AdMob on Main Screen
- Build Widget for easy access of a card.
- Final touches and Code Cleanup