

Android Test - Sorted

The task is to develop an application which has the following Screen and features. The application should have a Holo Dark Theme.

Activity 1:

The app should fetch user location and list out the places around him in a ListView. Each list item should have a card UI as shown in the image -

<http://i.stack.imgur.com/NKl4k.png> . Documentation link:
<https://developers.google.com/places/documentation/search>

The results will contains “types” field, which signifies what type of a place it is. For eg. the place could be a restaurant, travel agency, hospital. etc..

Each List Item should have

1. a) Name of the place
2. b) Types of the place
3. c) distance of the place from the current user location in Kms.
4. d) address of the place

On clicking an item in the list, the app should transit to activity 2

This activity should also have a menu item which refreshes the location of the user and refreshes the list view with the places around the latest location. Use a refresh icon for the menu item or name the menu item as “Refresh”.

Activity 2:

This screen should show more information about the place

1. a) The Action bar title should be the name of the place.
2. b) The top half of the screen should show a mapview with a marker on the location of the

place at the center of the map.
3. c) The results in the first page will also provide photo references for each place. The

bottom half of the second screen should display the picture of the place. The below link explains on how to get imageUrl from the photo_reference in the results. <https://developers.google.com/places/documentation/photos>
4. d) The activity should also have a UP button/Back button at the top left corner of the Action Bar which should take the user to the first screen.