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Movie TV People Search

Description

Have you ever wondered how to search a specific movie,TV show,people with details which interest you like release date,star rating,synopsis,trailers,reviews etc.This app can also store your favorites for later use.

Intended User

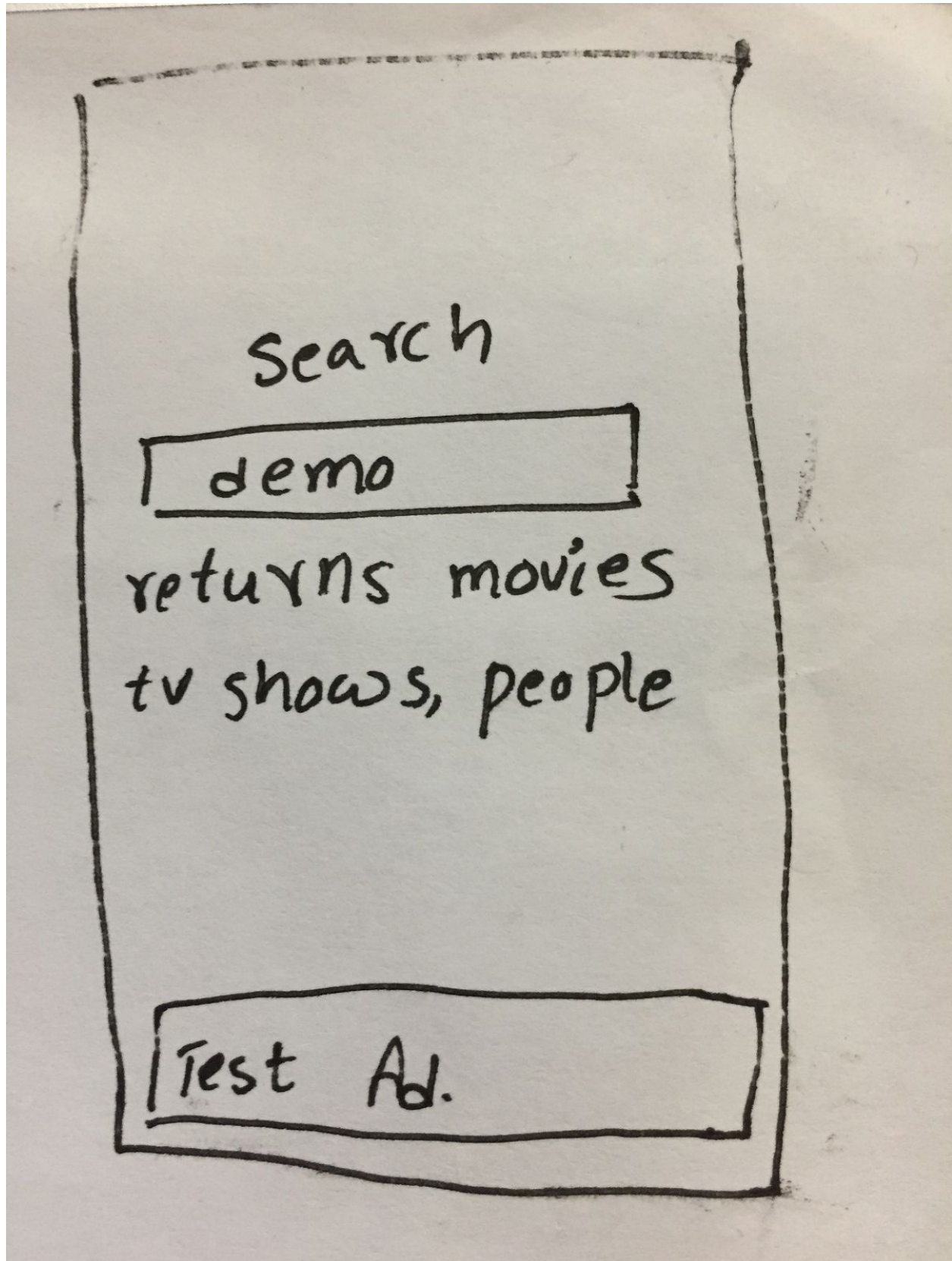
A person who needs a search engine for crisp details of movie,TV show or people.The person can also store favorites if he/she choses to do so.

Features

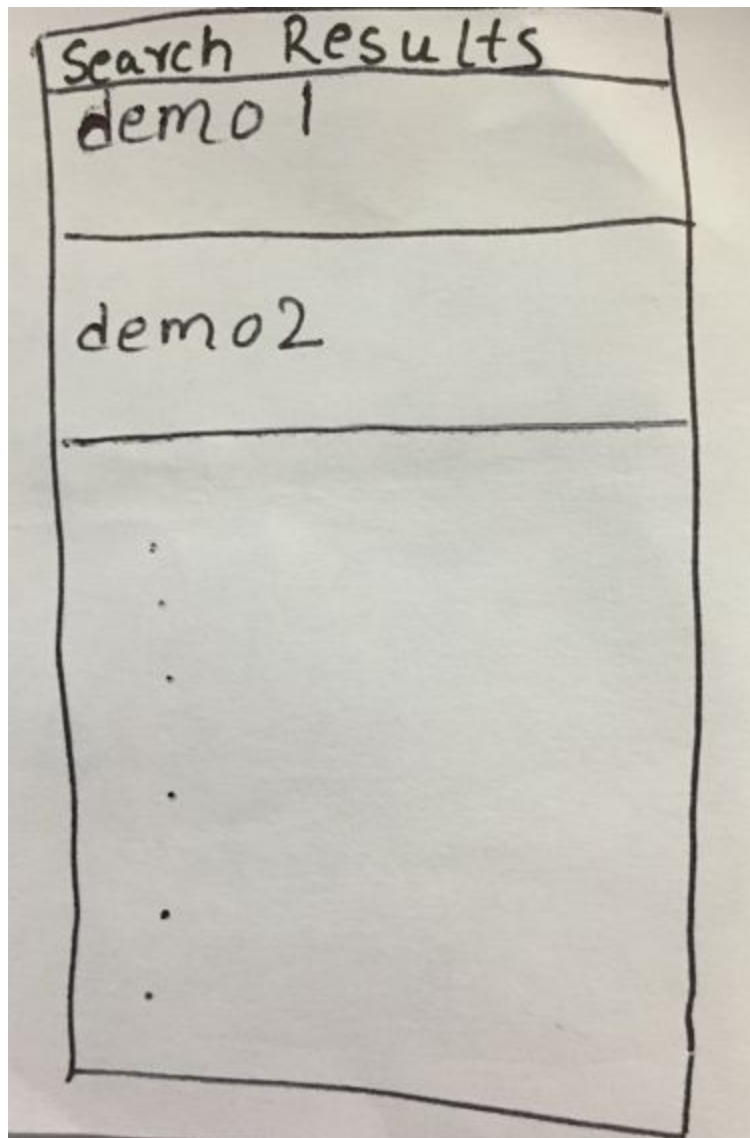
- Searches movies
- Searches TV show
- Searches People
- Displays the information in a list
- Saves favorites

User Interface Mocks

Screen 1

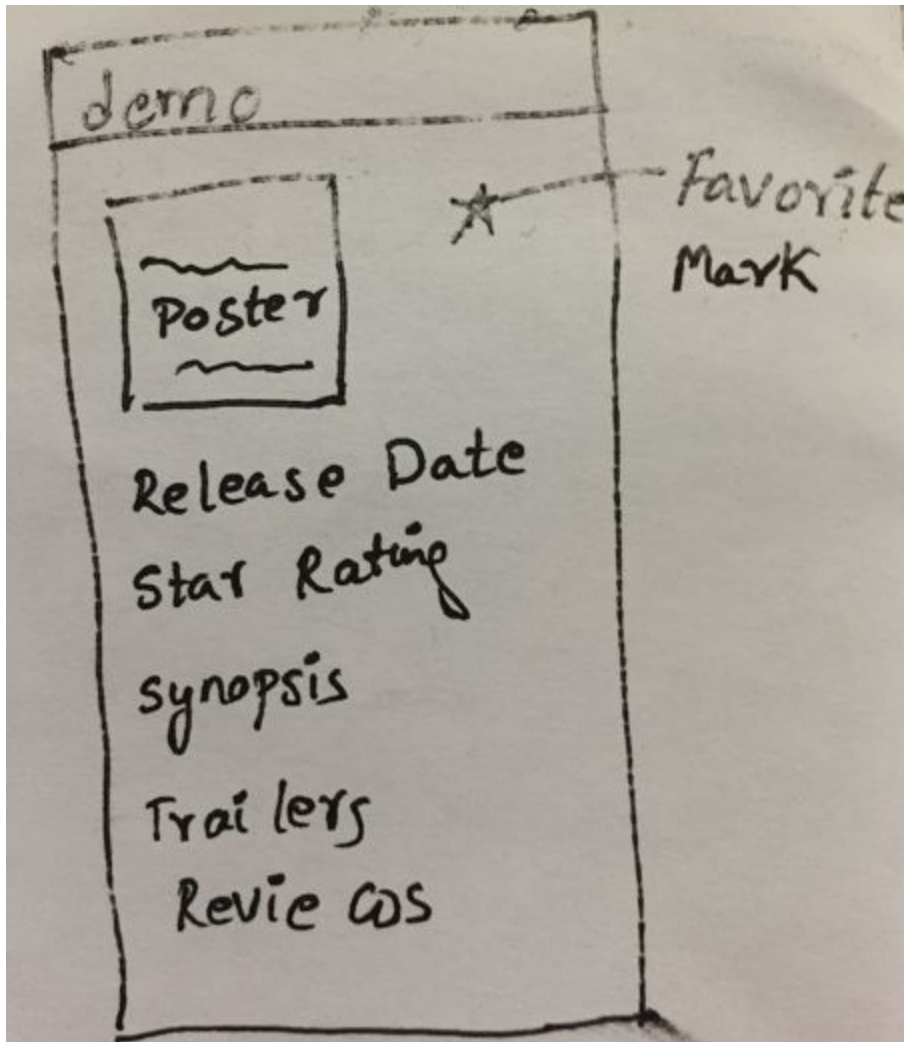


This screen allows the user to search for movies,TV shows or people and displays ads.



This screen shows the available options for the user search.

Screen 2



This screen shows the details of a user selection.

Key Considerations

How will your app handle data persistence?

Create a Content Provider for storing favorites and retrieving them.

Describe any corner cases in the UX.

There are no corner cases in UX.

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

Gson is a Java library that can be used to convert Java Objects into their JSON representation. Gson can also be used to convert a JSON string to an equivalent Java object.

Picasso is a powerful library that will handle image loading and caching.

I am including Gson for Java/Json conversion for server data.
Picasso for the purpose of the handling images.

Next Steps: Required Tasks

Task 1: Project Setup

- Create a search activity with search engine view
- Configure gson and Picasso Libraries.
- When user searches for a movie/TV show/people take the user to the list of available options.
- After the user selects the required option show the details already available and pull extra details needed from server or content provider(selected as favorite/not).
- Use picasso library to pull and display posters from server.
- If a user selects the option as favorite in details section store the data in content provider.
- Add the Analytics to the app and Admob to the search engine view(MainActivity).

Task 2: Implement UI for Each Activity and Fragment

- Build UI for SearchActivity(MainActivity) and SearchActivityFragment.It also show results in ListActivity.
- Build Ui for DetailActivity.

Task 3: Configure Libraries

- Configure gson and Picasso Libraries in build.gradle.

Task 4: Add App functionality

- Search for a movie/TV show/people.
- List available options on search.
- Show the details already available and pull extra details needed from server or content provider(selected as favorite/not).
- Store the favorite option data in content provider.

Task 5: Integrate google Play Services

- Analytics to know app usage.
- AdMob to display test ads in SearchActivity.

Add as many tasks as you need to complete your app.
