

Look and Feel: The quality of your UI will be evaluated in this homework.

Task 1: Navigation Drawer and App Bar: In this lab, we will use the navigation drawer as the top-level navigation. You need to have the followings on your drawer:

1. A nice-looking banner (header)
2. At least 3 items, each containing an icon and a title. One item will bring out the "about me" fragment, and the other two items will bring out the Activities for Task 2 and Task 3, respectively.

You also need an Action bar on your main activity with items for the following tasks.

Task 2: Build a movie fragment: You need to implement a Fragment to display the information for a movie. Our movie data contain many fields, and you should display at least the following information:

- Title
- Description
- Image
- Year
- Stars
- Rating (Don't use TextView here; find the most suitable UI widget to display this information)
- You are responsible for designing the layout of this task. Make it look nice. This layout will be reused in this and future homework.
- There is no need to demonstrate this task because the fragment will be used in the next tasks, and we will grade your fragment based on what we see in the next tasks.

Task 3: ViewPager Activity Implement a ViewPager activity. Each page of the ViewPager is a fragment that displays the details of a movie. Users can swipe left or right to go the previous or next movie. You should satisfy the following requirements:

- You should use the fragment developed in Task 1.
- You need to have a tab (one tab for each movie). When user clicks on a tab, the corresponding movie should be displayed.

Task 4: Master/Detail Flow Implement an Activity that initially loads a fragment with Listview (this fragment is called Movie_List fragment); each of the item corresponds to a movie. When an item is clicked, your app should behave like the following:

Submission: Your submission shall include your project source as well as a short demo video. Please make sure that you demonstrate the behavior on both a regular phone and a tablet with API 22 or higher.