Mobile Application Development

Lab 4 (5%)

Objectives

- Become more familiar with the Android Recycler view.

- Creating and using Alert Dialog, View Model, Model Class, Custom adapter

- implementing event listeners.

- Using Intents to pass data between activities

Requirements

- Create an android application that displays a list of your favorite dishes using a recycler view (similar to lab3), then add the following functionality

  - When the user selects an item by clicking on it, display an alert dialog and ask the user if he/she wants to see more details of the chosen dish (as shown in Fig 3)[2 Marks]
  - - if the user selects "Yes,"   open the second activity and show the details of the selected item (as shown in the figure) [3 Marks]
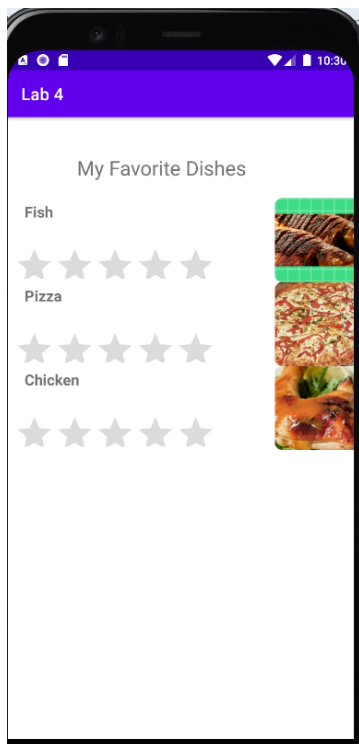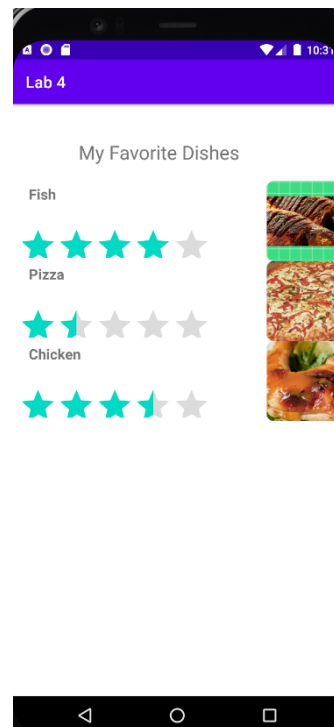 - If the user selects " No," do nothing
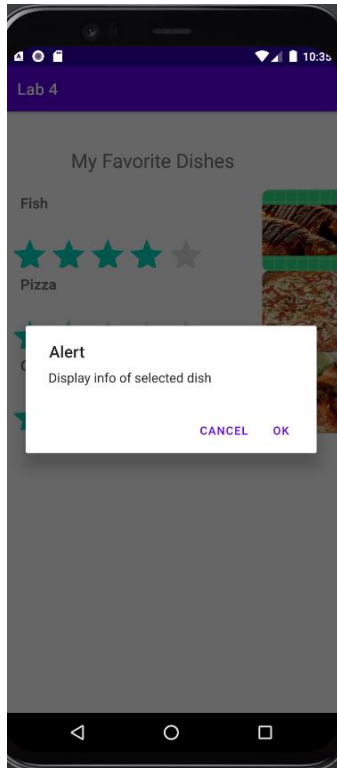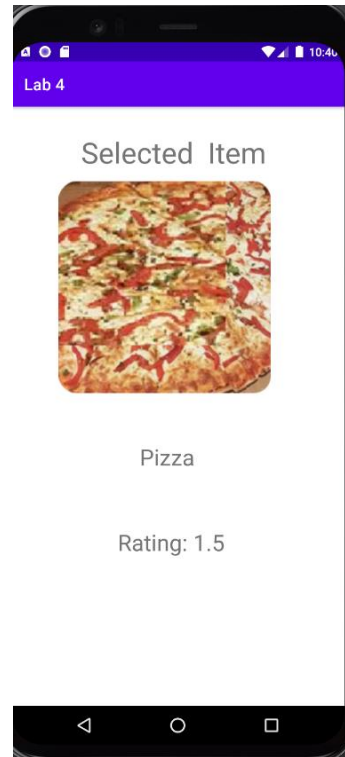

Fig 1

Fig 2

Fig 3

Fig 4

- Use View Model to hold the data (e.g., array list of the favorite dishes)

Submit:

- Screenshots of your running application (as shown in Fig2, Fig 3, Fig 4)
- Submit Main folder as zip file **named firstNameLab4.zip** (application folder->app->src->**main**).
- Link to your running application using appetize tool (https://appetize .io /)