In Class Assignment 3 (100 points)

In this assignment you will be building an application that uses multiple activities and exchanges data among these activities.
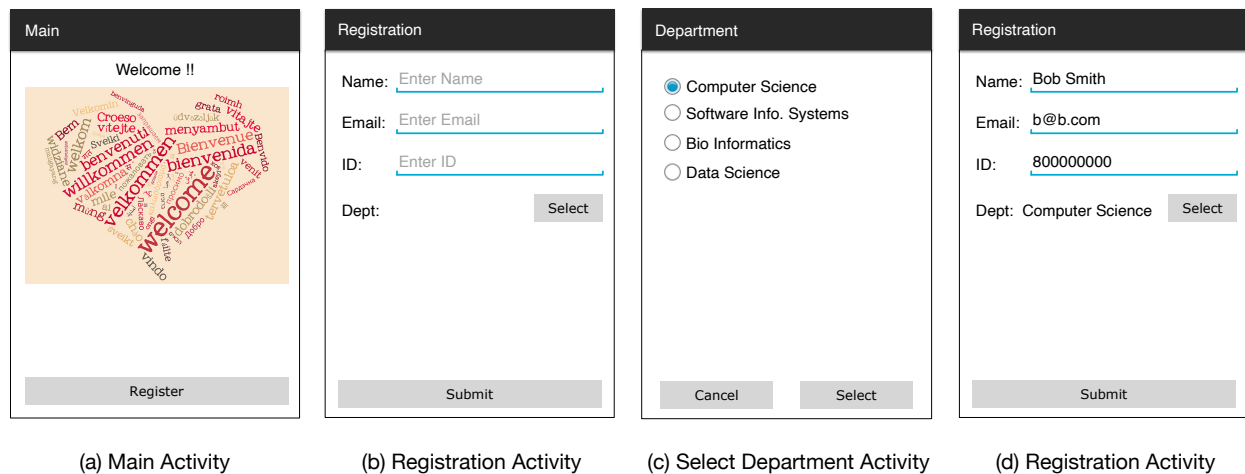

Main	Registration	Department	Registration

(a) Main Activity   (b) Registration Activity   (c) Select Department Activity   (d) Registration Activity

Figure 1, App Wireframe

Part 1, Main activity (10 Points):

The main activity displays the welcome screen as shown in Figure 1(a). Please follow the steps to build this activity:
1. The activity displays the welcome photo as shown in the figure.
2. Clicking the "Register" button should start the "Registration" activity.

Part 2, Registration activity (35 Points):

The registration activity displays a form as shown in Figure 1(b). Please follow the steps to build this activity:
1. The activity requests the user's name, email, id and department info. The department info is retrieved by clicking the "Select" button. Create a Profile class to hold these attributes.
2. Make appropriate Toasts whenever any invalid input is detected after you click Submit.
3. Clicking the "Select" button should start for result the "Select Department" activity. Upon returning from the from the "Select Department" activity, the department value selected should be displayed as shown in Figure 1(d).
4. Clicking on the Submit button should start the "Profile" activity, and sends it the Profile object to display the current user profile.

Part 3, Select Department Activity (35 Points):

This activity allows the user to select a department, please follow the steps below:
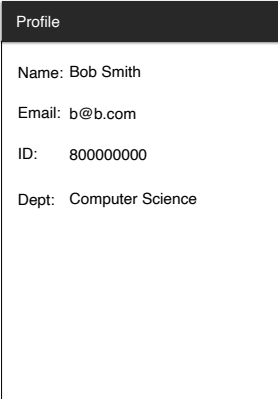1. Clicking on the "Select" button in the Registration activity should start the "Select Department" activity for result. This is shown in Figure 1(c).
2. The user is able to select a department from the displayed Radio Group. Clicking "Submit" should send back the selected department to the "Registration" activity and

finish the current activity. Clicking "Cancel" should simply finish the current activity which will show the "Registration" activity.
3. You should **start this activity for result.**

Part 4, Profile Activity (20 Points):
1. After you fill up the form, and click on Submit, the app should one the Profile Activity as shown in Figure 2, and should send it the Profile object.
2. You should create a User class implementing Serializable or Parcelable interface. User class should have all the attributes needed to display them in a different activity.
3. Use explicit intent to start this activity from the registration activity, and send the Serializable or Parcelable data from the main activity to this activity.
4. Display the Name, Email, ID and Department.

Profile
Name: Bob Smith
Email: b@b.com
ID: 800000000
Dept: Computer Science

Figure 2, Profile Activity