### [Homework#2](https://bb-csuohio.blackboard.com/webapps/assignment/uploadAssignment?content_id=_6362370_1&course_id=_168060_1&group_id=&mode=view)

Develop a contact management app version 1:

* The main activity would start with no contact, but it has a button where the user could use to add a new contact
* On clicking an ”Add Contact” button in the main activity, it goes to the second activity, where the user could add the contact information such as name, phone number, email, etc.
* After entering a new contact, the user could click the submit button in the second activity, which the second activity will be closed, and the app goes back to the main activity
* The main activity now should display the new contact information

SOLUTION

UI control on the screen of the first activity so that you can go to the scond activity:

In layout: activity\_first.xml, I added a button “Add Contact” so that upon a mouse click, the screen will go to the Second Activity where details can be added.

<Button  
 android:id="@+id/buttonAdd"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="32dp"  
 android:text="Add Contact"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />

UI control on the screen of the second activity in layout activity\_second.xml, I have added 3 text input fields, where name, phone number and email address details can be entered and also a button “Submit” to save contents in first activity page.

Below code is for input field of name and I have done similarly for other 2 fields:

<EditText  
 android:id="@+id/editTextTextPersonName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="48dp"  
 android:ems="10"  
 android:hint="name"  
 android:inputType="textPersonName"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />

Here is the code for submit button,

<Button  
 android:id="@+id/buttonSubmit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:text="submit"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextTextEmailAddress" />

Screenshots:

A black cell phone with a white screen

Description automatically generated A black cell phone with a purple button

Description automatically generated

A close up of a phone

Description automatically generated A close-up of a phone

Description automatically generated