

# Lab 05 Exercise

## UI/UX Design using Adaptive Layout

Due Date: 4<sup>th</sup> September 2022 at 11:59PM

1. Create a layout design which will use the device orientation configuration automatically for the following App.
2. Develop an App to demonstrate the following:
  - a. CardLayout embedding image and gradient button in a linear layout. Each linear layout should be embedded in every CardLayout and each image and button in a linear layout.
  - b. Design **Registration Form** including User Input Components like EditText, Button, Checkboxes, Radio Buttons, Toggle, Spinners.
    - Name (Text)
    - Gender (Radio Button)
    - Phone Number
    - Email Address
    - Married? (Toggle – default to No)
    - Qualification (Check Boxes)
    - Address (Dzongkhag, Gewog)
    - Country
  - c. Place one **FAB** on the bottom right corner of the screen (with 16 dp each from bottom and right edge). Implement the OnClickListener interface to generate the AlertDialog message and Toast message.

### Question 2:

Design any application to implement:

- a) Fragments
- b) RecyclerViews