

## Assignment 1

### Instructions and Grading Criteria

- This is an **individual** assessment. Please review the college's **Academic Integrity Policy** to ensure that you are completing your work in an academically honest manner.
- In addition to the required functionality, learners are expected to use the coding conventions demonstrated in class, meaningful variable naming, and clearly organized code. Comments are helpful but not required.

### Submission Checklist

For your submission to be graded, provide a **zip** file of your project, and a **screen recording** demonstrating the functionality you implemented.

#### 1. Create a zip file of your project

- Name the zip file **A1\_firstname\_lastname.zip**. **.7zip or .rar files will not be accepted.**

#### 2. Creating Your Screen Recording

- In the screen recording, demonstrate the app running on the emulator, and show the relevant output.
- Max 7 mins.

#### 3. Submitting your assignment:

1. Submit the **screen recording** and the **zip file containing the project**
2. If your screen recording is too large, you can upload your screen recording to **Microsoft OneDrive** and ensure that the link is set to: "Anyone with the link can view". Paste a link to the recording in the **submission comments**.

### Academic Integrity

- This is an individual assessment.
- Permitted activities: Usage of Internet to search for syntax only; usage of course materials
- Not permitted:
  - Communication with others (both inside and outside the class)
  - Discussion of solution or approaches with others; sharing/using a "reference" from someone
  - Searching the internet for full or partial solutions
  - Sharing of resources, including links, computers, accounts

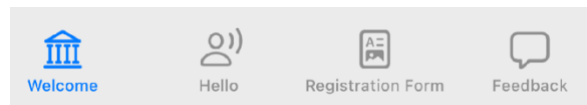
## Problem Description

Create a Hackathon event app. It must include the following UI elements:

- TextView
- EditText
- Button
- RadioButton
- SeekBar
- Switch
- ImageView
- ProgressBar
- BottomNavigationView

## Instructions:

- The app must have multiple screens (at least 6).
- You can use Constraint Layout or Linear Layout.
- Idea/suggestion: You can use the BottomNavigationView to show
  - o A welcome screen
  - o An explore screen
  - o Registration screen
  - o Feedback screen
- You should pass data between screens wherever required



Example for Registration Form:

- o Your hackathon registration form can have 2-3 screens
- o Fill the initial details on screen 1 and take the data to screen 2
- o Fill the details on screen 2 and take the collective data to summary screen
- o Show the collective data of screen 1 and 2 on the summary screen in a presentable format while acknowledging the successful registration in the hackathon event (registration can be as a team of size 3-5)

**Please note: This is an open-ended assignment; you are encouraged to extend the features and functionality if you cover the base requirements.**

**END OF ASSESSMENT**