# National University of Computer and Emerging Sciences

## Software for Mobile Devices

## Spring 2025

### Assignment 2

## Instructions:

- You are required to do this assignment **individually.**
- You must do this assignment using Android Studio with Java and XML language. **No template should be used.**
- Please properly comment on your code.
- It is highly preferable that you code as per Android and Java styling guide. However, it won't affect the marking criteria.
- Submit this assignment on Google Classroom before the deadline.
- Create a Git repository for your project and share the repository link as your submission.

## Assignment: CV Builder Application Android

### Objective:

Create a **CV Builder Application** in **Android (Java)** that demonstrates the use of:
- **Multiple Activities & Navigation**
- **Explicit & Implicit Intents**

## Assignment Requirements:

### 1. Splash Screen with Animations

- Create a **Splash Screen** that appears when the app is launched.

- Add **animations** (e.g., fading, scaling, or translating the logo).

- After **2-3 seconds**, navigate to the **Main CV Builder Screen** automatically.

### 2. Home Screen (MainActivity)

- Displays **six options** (Profile Picture, Personal Details, Summary, Education, Experience, Certifications, References).

- Each option is clickable and navigates to the respective screen for data entry using **Explicit Intent**.

### 3. Data Entry Screens

- Each option in the **Home Screen** opens a **separate activity** where users can enter the required details.

- Use **EditText fields, RadioButtons, Spinners**, etc., where applicable.

- Each screen has **Save** and **Cancel** buttons:

- **Save**: Stores data and navigates back to the **Home Screen**.

- **Cancel**: Discards changes and navigates back to the **Home Screen**.

### 4. Profile Picture Handling

- Allow the user to select a profile picture from the **Gallery** using

**Implicit Intent**.

- Display the selected image in the **Profile Picture section** of the **Home Screen**.

- **4. CV Preview (FinalActivity)**

- A separate **CV Preview screen** where all the entered information is displayed in a structured format.

- Include a **"Share CV" button** that allows users to share their CV using **Implicit Intent** (e.g., via email, WhatsApp, etc.).
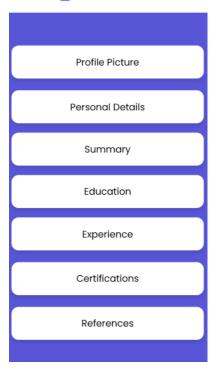
**Design**

**Splash Screen:**



**Home Screen:**

📄 CV Builder

Profile Picture

Personal Details

Summary

Education

Experience

Certifications

References

## Preview Screen:

**Alex Johnson**

alex.johnson@example.com
+1-234-567-8901

**Summary**

Hi, this is Mahad and I am an AI enthusiast.
Welcome to my profile.

**Education**

FAST NUCES

**Work Experience**

Tech Solutions Inc.
Jan 2018 - Present

**References**

## Additional Instructions

- **Consistency**: Maintain design consistency across all screens in terms of color, fonts, and spacing etc.
- **Usability**: Ensure that all interactive elements (buttons, forms) are user-friendly and clearly labeled.
- **Testing**: Test the navigation flow between screens to ensure it functions as described.

The logo and the Background used in the design is given.