



National University of Sciences and Technology (NUST)
School of Electrical Engineering and Computer Science

Department of Computing

EC-303: Mobile Application Development

Class: BESE 8AB + BSCS 7ABC

Lab 06: Use Of Common Widgets

Date: 31th March 2021

Time: 9:00 AM - 12:00 PM

Instructor: Dr. Hassan Ali Khattak

Lab Engineer: Mr. Aftab Farooq



Lab 6: Use Of Common Widgets

Objectives

The objective of this lab is helping students to familiarize themselves that how to use common widgets in app.

Tools/Software Requirement

Flutter, Android Studio, XCode, Any Editor

Helping Material:

- Flutter official Documentation
- <https://www.solutelabs.com/blog/flutter-tutorial-for-beginners-step-by-step-guide>.
- Stack overflow

Helping Link for Icons & Logo:

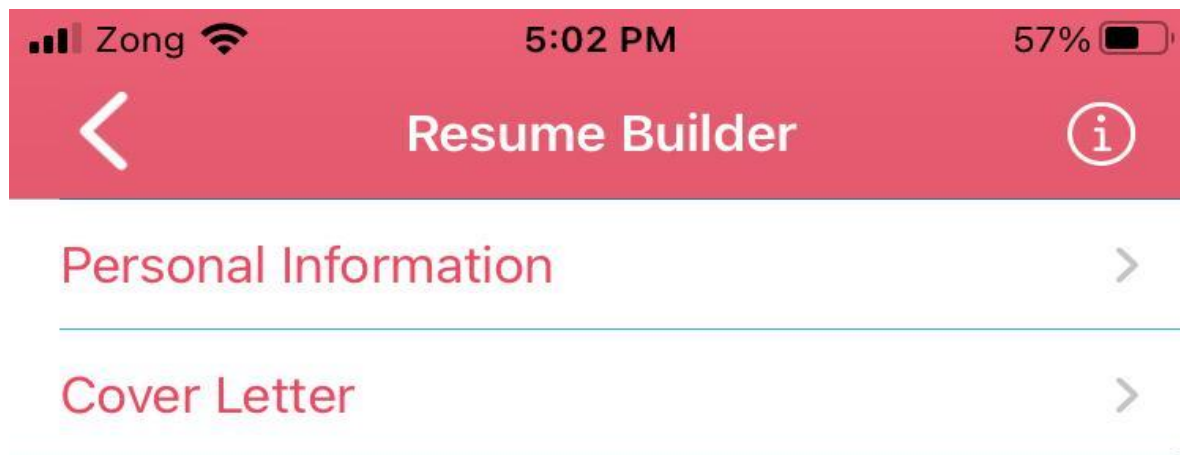
- <https://icons8.com/icons/set/mobile-app>

Lab Task # 1

Create a Personal Information form:

A). Create a simple CV Maker Application.

- 1). Create a New Project with CV Maker.
- 2). Make a splash screen with any Logo and Title name “CV Maker”
- 3). After Splash screen create a new view i.e. **Home view or Main view**
- 4). Crate a two Main View Tabs on Home view and name them **Personal Information** and **Cover Letter**.
- 5). Set title **Resume Builder** on top bar as shown below.





Lab Task # 2

B). Create a Personal Information view.

- 1). Create a new view i.e. personal Information View.
- 2). When user click on Personal Information from Main view then navigates to Personal Information view
- 3). Set title **Personal Information** on top bar as shown below.
- 4). Add Back Button and when user click on back button it's navigates back to Home View.
- 5). Use Common Widgets i.e. Labels, Textfields , Text view & UI Switch to create a personal Information view.

Personal Information

Name :
Aftab Farooq

Address :
1 Smith Lane St Kilda 3182

Email :
test@gmail.com

Number :
0412 234 567

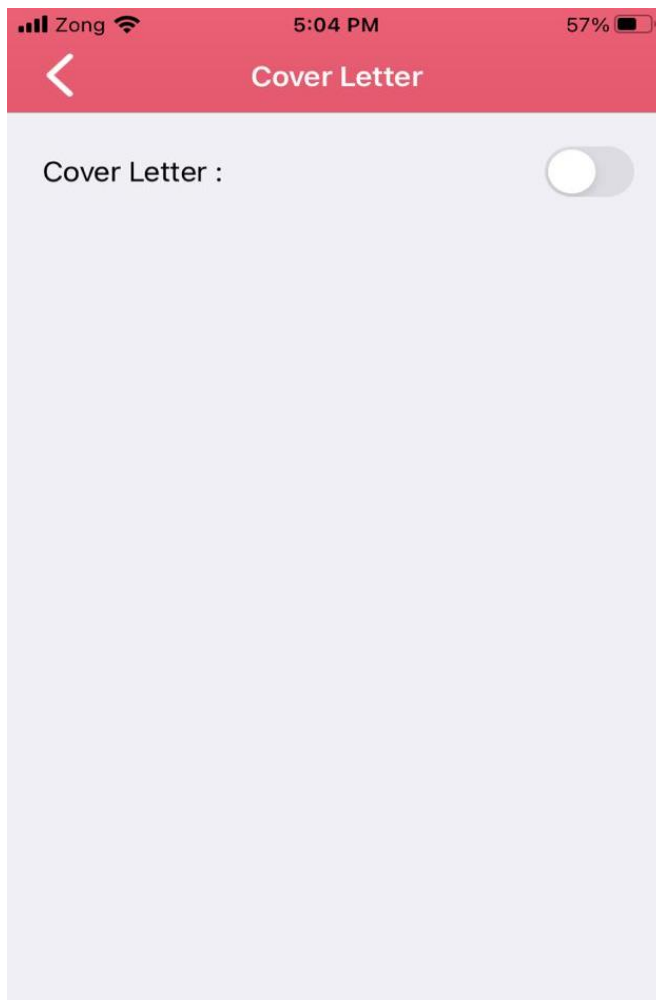
Photo : ☐



Lab Task # 3

B). Create a Cover Letter View.

- 1). Create a new view i.e. Cover Letter View.
- 2). When user click on Cover Letter from Main view then navigates to Cover Letter view
- 3). Set title **Cover Letter on** top bar as shown below.
- 4). Add Back Button and when user click on back button it's navigates back to Home View.
- 5). Use a Switch Widgets. By Default it's on Off state as shown below.





- 6). when user enable/On the switch more widgets will be shown to user as shown below.
- 7). Add Labels, Text fields , Text views widgets on Cover Letter screen.

Cover Letter : ☒

Date :
29-March-2021

Addressed To (optional) :
Hiring Manager,
XYZ

Body :
Dear Hiring Manager

I was excited to see your opening for a Customer Service Manager, and I hope to be invited for an interview.

My background includes serving as a customer service associate within both call-center and retail environments. Most recently, I worked on the customer service desk for Discount-Mart, where my responsibilities included handling customer merchandise returns, issuing refunds/store credits, flagging damaged merchandise for shipment back to vendors and providing back-up

Solution

Task Code:

Task Output Screenshot:



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Deliverable

Compile a single word document by filling in the solution part and submit this Word file on LMS. This lab grading policy is as follows: The lab is graded between 0 to 10 marks. The submitted solution can get a maximum of 5 marks. At the end of each lab or in the next lab, there will be a viva/quizz related to the tasks. You must show the implementation of the tasks in the designing tool, along with your complete Word document to get your work graded. You must also submit this Word document on the LMS. In case of any problems with submissions on LMS, submit your Lab assignments by emailing it to Mr. Aftab Farooq: aftab.farooq@seecs.edu.pk.