

Lab session 3: Multi-Screens Design using Flutter

Introduction

In this third lab session, you will be creating a multi-screen Flutter application.

Objectives

At the end of this session, students are expected to have an understanding how to use routing and tabular navigation in a Flutter Application.

Deliverables

- A full documentation with Screenshots and descriptions of the Labs



Student Name

Tutorials

1. First Steps with Flutter – Exploring Widgets, Building Layouts, Responding to user input

<https://pusher.com/tutorials/flutter-widgets/>
<https://pusher.com/tutorials/flutter-building-layouts>
<https://pusher.com/tutorials/flutter-user-input>

2. Build Layouts

<https://docs.flutter.dev/development/ui/layout/tutorial>

3. The Dart command-line Tool

Practical - Codelabs

Task-1

Adding a Home Screen widget to your Flutter App
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https://codelabs.developers.google.com/flutter-home-screen-widgets#0

Provide a documentation with a short description and screenshots for all the steps of the lab.
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Task-2

Use the given dart files to complete the mutli-screen application in Flutter using the routing and tabular navigation.
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Provide a documentation with a short description and screenshots for all the steps of the lab.
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Task-3

Adding AdMob ads to a Flutter app
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(i) https://codelabs.developers.google.com/codelabs/admob-ads-in-flutter#0

(ii) https://codelabs.developers.google.com/codelabs/admob-inline-ads-in-flutter#0
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Provide a documentation with a short description and screenshots for all the steps of the lab.
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Task-4

Building next generation UIs in Flutter
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https://codelabs.developers.google.com/codelabs/flutter-next-gen-uis#0

Provide a documentation with a short description and screenshots for all the steps of the lab.
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Task-5

Figma2Flutter – Part 6 to 10

<https://f2f.bostonux.com/video>

Provide a documentation with a short description and screenshots for all the steps of the lab.



Student Notes and feedback

Screenshots

Good Luck!

