



Riphah International University, Islamabad Campus

## Assignment # 2

Assignments are to be done individually. No late assignments will be accepted.

**Submissions that do not comply with the specifications given in this document will not be marked and a zero grade will be assigned.**

You are needed to Push the code on your git repository and share the git link on moellim and also upload screen image on Moellim.

### Flutter Application

#### Introduction

The purpose of this assignment is to help students understand and apply **Flutter's basic UI widgets, multi-screen navigation**, and **scrollable layouts** through a themed application.

#### Assignment Tasks

#### Task: Build a Travel Guide App

Create a Flutter application named **TravelGuideApp** that includes the following features:

#### Main Structure

- Use a **Scaffold** with an **AppBar** titled *"Travel Guide"*.
- Wrap the main content inside a **SafeArea**.
- Implement a **Drawer Menu** or **Bottom Navigation Bar** for navigating between **three screens**:
  - **Home Screen**
  - **List Screen**
  - **About Screen**

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#### Home Screen

- Display a **travel image** using `Image.asset()` or `Image.network()`.
- Add a short welcome message or app introduction inside a **Container** with padding and background color.
- Use **RichText** to display a travel slogan (e.g., *"Explore the World with Us"* — bold + colorful).
- Add a **TextField** for entering a destination name (no validation required).



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- Include two buttons (`ElevatedButton` and `TextButton`) with simple actions (e.g., print a message or show a `SnackBar`).
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### List Screen

- Create a **scrollable `Listview`** displaying at least **10 travel destinations** (e.g., cities or countries).
    - Each item should show a destination name and a short description.
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### About Screen

- Create a **`GridView`** displaying **6 tourist attractions or famous landmarks**, each with an image and a caption below it.
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### Honor Policy

This assignment is a learning opportunity that will be evaluated based on your ability to work through a problem in a logical manner and write a research report on your own. You may however discuss verbally or via email the assignment with your classmates or the course instructor, but you are to write the actual code for this assignment without copying or plagiarizing the work of others. You may use the Internet to do your research, but the written work should be your own. **Plagiarized code will get a zero.**