

# World Time App Submission

Developed by: Josiane Ishimwe

Submission for Flutter Mobile App Assignment

## 1. Project Overview

The World Time App is a mobile application developed using Flutter. It integrates with the World Time API to fetch the current time in various countries. The app features dynamic backgrounds based on the time of day (day or night), seamless navigation between screens, and user-friendly error handling for a robust experience.

## 2. Features

- Splash Screen: Displays an animation and transitions to the location selection screen.
- Choose Location Screen: Allows users to select a location, with a loading spinner and error handling.
- Home Screen: Displays the current time, location details, and a dynamic background image based on the time of day.

## 3. Implementation Details

The application was developed using Flutter and Dart. It consists of three main screens:

- Splash Screen: Implemented using the ``animated_splash_screen`` package.
- API Integration: The World Time API is used to fetch time data. Error handling ensures that users are notified in case of issues.
- Navigation: Named routes manage transitions between screens, ensuring a seamless user

experience.

#### **4. GitHub Repository Link**

GitHub Repo: <https://github.com/JosianeIshimwe/WorldTimeApp>

#### **5. Demo Video Link**

Demo Video: [Link to be added after recording]