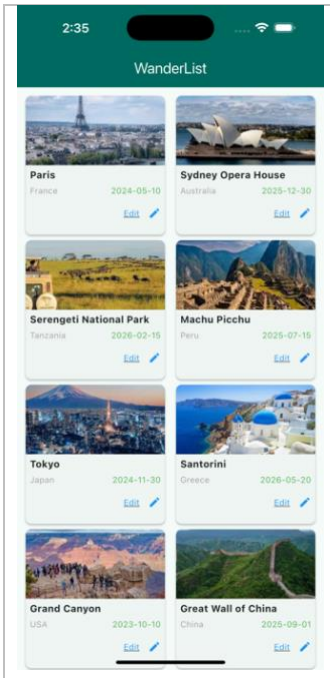
CMPS 312– Fall 2024
Lab Midterm Exam (Duration 2h)

Wander App

Develop the Wander App using Flutter to enable users to create, edit, and delete their travel destinations. The App design should **apply MVVM architecture** and use flutter features and packages including State Management with Riverpod Providers, Navigation using GoRouter, UI Components (ListView, Dropdown, TextFields, Date, etc…), and JSON Data Handling.



1. **List Destinations [50 points]**: List destinations including the location name, country, a brief description, and an image.

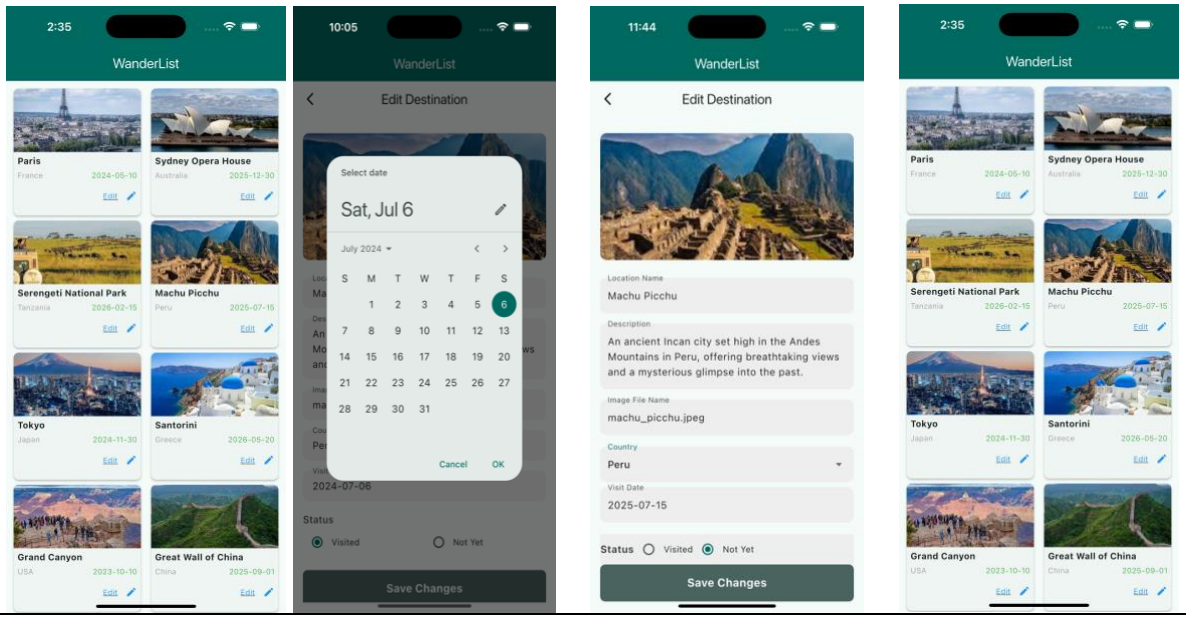
Design and Structure Requirements:

App Design: You must design your app screens to exactly match the provided figures and adhere to the style of the app demonstrated at the beginning of the exam.

Project Structure: Strictly follow the structure of the provided base project and write your code inside the provided files.

2. **Details Screen [10 Points]**: Details Screen [10 Points]: Each destination entry is clickable, leading to a detailed view screen. On this screen, users can view in-depth information about the selected destination, including its location, country, visit date, status, and description.

Edit Destination [30 Points]: Alongside the dele te option, each entry includes an edit button, enabling users to update destination details including the *location name*, *description*, *country*, *visit date*, and *status*. The *visit date* should use a date picker, the *status* should be a radio bottom with 2 options Visited and Not Visited, and the *country* should be a dropdown filled using the data from `countries.json` available in the assets folder.



Grading Rubrics

Criteria	%	Quality of the implementation	Score
List Destinations	50		
Destination Details	10		
Edit Destination	40		
Provide screenshots in *testing.docx*	-	*[-10pts if missing]* Submit screenshots in ***Midterm Testing-GradingSheet.docx***	

Possible grading for functionality:

- **Complete and Working** (get 70% of the assigned grade),
- **Complete and Not working** (lose 40% of assigned grade)
- **Not done** get 0.
- The remaining grade is assigned to the quality of the implementation.

- Push your work to GitHub as your make progress to avoid surprises!
- **The Exam is Open Book**; however, **AI tools are strictly prohibited**. Any instance of plagiarism or use of AI-generated code will result in a score of **0 points**. Do not share your code or accept code from others.