**23IO08-WEB DESIGN AND DEVELOPMENT**

**TRAVEL EXPLORER AND PLANNER**

**PROBLEM STATEMENT:**

Travelers often face difficulties in finding a single, easy-to-use platform that provides complete travel information and booking features. Existing websites may lack responsiveness, be hard to navigate, or offer limited destination details. There is a need for a user-friendly and responsive travel website that allows users to explore destinations, view hotel and flight options, and book tours easily, with real-time data storage and smooth user interaction.

**OBJECTIVE:**

To develop a responsive travel and tour website that:

Showcases a variety of travel destinations with images, descriptions, and prices.

Allows users to view and explore flights, hotels, and tour packages.

Provides a functional booking form for users to submit travel plans.

Stores user booking data in a real-time database.

Ensures a simple, interactive, and user-friendly interface.

**PROPOSED SOLUTION:**

* Frontend Development:
  + Use HTML for structuring web pages like Home, Flights, Hotels, Destinations, Support, and Contact.
  + Use CSS to ensure responsive and attractive page layouts.
  + Use JavaScript to handle interactivity (form validation, dynamic actions, etc.).
* Backend Integration:
  + Connect the booking form to Firebase Firestore to store user inputs in real-time.
* Modules Overview:
  + Home: Entry point with hero section and navigation. o Flights: Showcases flight-based packages (placeholder for future upgrades). o Hotels: Displays hotel listings related to destinations. o Destinations: Lists all available tours with a “Book Now” option. o Support: Helps users understand how to use the site or get assistance.
  + Contact: Provides contact form or information for user queries.

**SCREENSHOTS:**

A computer screen shot of text

AI-generated content may be incorrect.

A screenshot of a web page

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

A screenshot of a city

AI-generated content may be incorrect.

A computer screen shot of a computer code

AI-generated content may be incorrect.

A group of people standing outside a market

AI-generated content may be incorrect.

A screenshot of a hotel

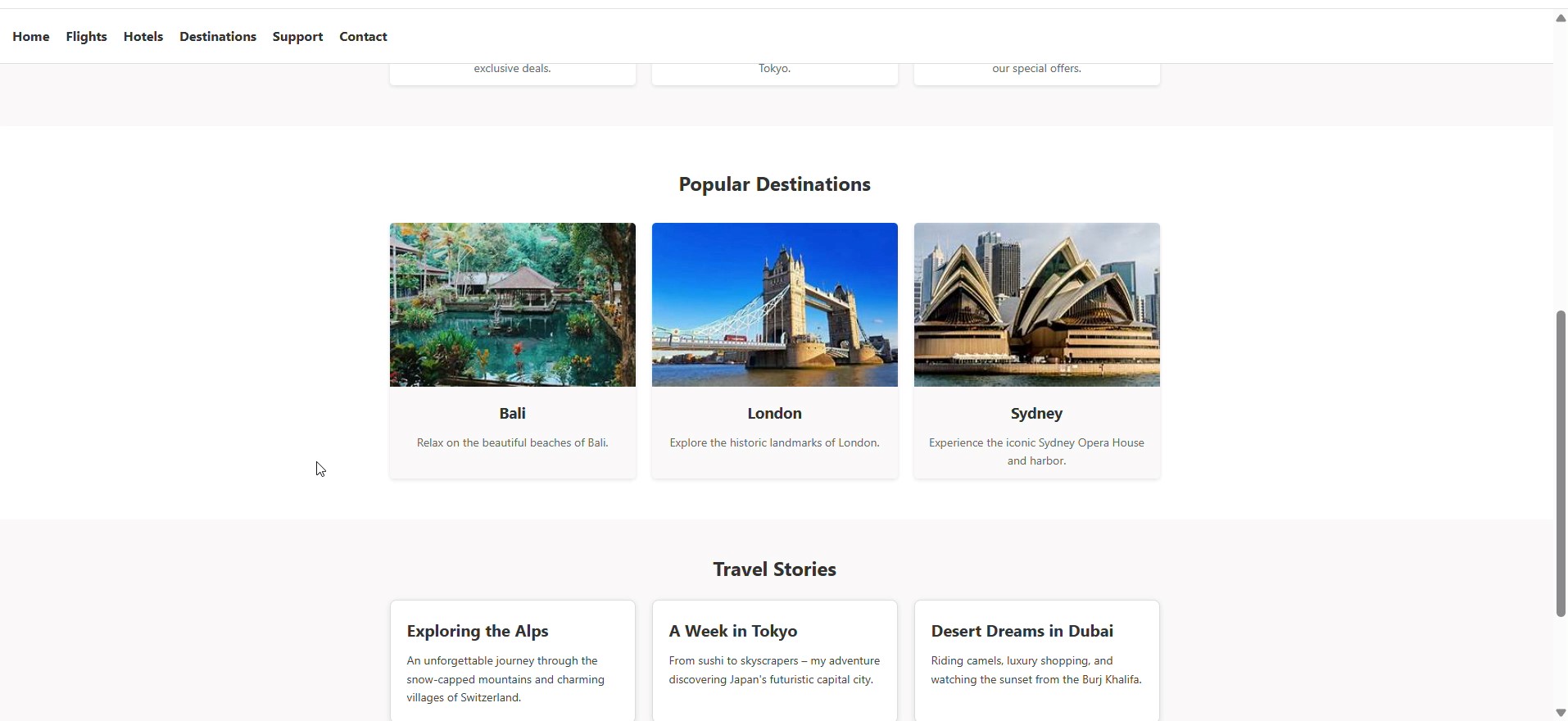
AI-generated content may be incorrect.

A screenshot of a phone

AI-generated content may be incorrect.

A screenshot of a login form

AI-generated content may be incorrect.



A screenshot of a computer

AI-generated content may be incorrect.