

Travel Planner & Weather Guide – Project Checkpoint

Overview:

The **Travel Planner & Weather Guide** is a web application that allows users to search for travel destinations and receive real-time information about the top attractions and weather conditions at that location. The goal is to provide travelers with a seamless experience for planning trips by integrating relevant data from external APIs.

Core Features (MVP)

1. **Destination Search**
 - Users enter a destination city in the search bar.
 - The app fetches data about the location's top attractions.
2. **Travel Attractions & Activities**
 - The app displays a list of popular attractions for the selected location.
 - Each attraction includes a name and description.
3. **Weather Information**
 - The app provides real-time weather updates for the selected destination.
 - Weather details include temperature, humidity, and general conditions (e.g., sunny, rainy, cloudy).
4. **Simple & Clean UI**
 - The app has an intuitive interface with a search bar, destination results, and weather updates.
 - Users can click on an attraction for more details.

How It Works

- User searches for a destination. The weather information will be displayed at the top of the search results for the location searched. This means:
 - As soon as a user searches for a city/location, the app fetches both the travel attractions and weather at the same time.
 - The weather details appear above the list of attractions for that location, so users can immediately see the climate conditions before exploring activities.
- The app fetches attractions using the Google Places API.
- The app fetches weather information using the OpenWeather API.
- Results are displayed on the screen, showing:
 - Searched Location: Toronto, Canada

- Current Weather: 15°C | Cloudy | Humidity: 60%
- Top Attractions (with link for more details)
 - CN Tower - Skyscraper with panoramic views
 - Royal Ontario Museum - Historic & cultural exhibits
 - Toronto Islands - Scenic waterfront & parks

APIs Used

1. [Google Places API](#): Fetch travel attractions.
2. [OpenWeather API](#): Fetch real-time weather for the searched city.

MVP Pages

1. **Home Page**: Search bar for entering a destination city.
2. **Results Page**: Displays:
 - List of attractions from the travel API.
 - Weather conditions from the weather API.
3. **Attraction Details Page**: Shows additional information about a selected attraction.