

Travel Buddy - User Manual

This user manual provides an overview of how users can interact with each feature in the Travel Buddy application.

Login and Registration

- Users can register an account by entering their name, email, and password.
- Once registered, users may log in to access session-specific features.
- Logged-in users will see an updated navigation bar.

Homepage

- The homepage displays featured destinations including travel tips and weather overviews.
- Navigation cards are provided for quick access to Flights, Hotels, Events, and Attractions.

Flights Module

- Located at /flights
- Users enter a departure city, destination, and departure date
Upon submission, the app redirects to Expedia with the query pre-filled for real-time results

Hotels Module

- Located at /hotels
- Users enter a city code (e.g., LAX, NYC, MIA)
- Hotel listings are returned with names, ratings, images, and booking links

Events and Things to Do

- Located at /things-to-do
- Users enter a city and date range
- Filter options include event category (Music, Sports, Arts, Family)
- Results include event name, date, venue, description, and ticket purchase links

Attractions

- Located at /map
- Allows users to filter attractions by category (e.g., parks, museums, zoos)
- Displays results with names, images, ratings, and addresses

- Information is pulled from the Google Places API

Weather Module (In Development)

- May or may not provide current weather conditions based on selected location
- Data will include temperature, forecast, and weather icons
- Powered by OpenWeather API

Troubleshooting

Problem: Flask app not starting

Solution: Ensure you are in the correct directory and have activated the virtual environment

Problem: Hotel or event data not displaying

Solution: Confirm your API keys are correct and active; some APIs have daily rate limits

Problem: City not found

Solution: Use city codes or try a nearby major city; also check worldcities.csv as a reference

Problem: CSS not loading

Solution: Clear your browser cache or ensure that the static folder is linked properly