

travL

Introduction

Business travelers often have packed schedules with fixed meeting hours but free time slots in between. Maximizing the use of these free hours can improve work-life balance, reduce stress, and help visitors experience the local culture in a meaningful way.

Our project aims to build a web application that helps business travelers plan activities during their free hours. The app will provide tailored recommendations for places to visit, local food options, and relaxing spots based on the user's preferences, business hours, and location. A unique feature is the inclusion of local etiquette and dress code tips to help professionals avoid cultural missteps and feel confident in new settings.

Scope

The scope of this project is focused on business travelers visiting a city for work who want to make the most of their limited free time. Users will enter details like:

- City and trip dates
- Daily business meeting hours
- Preferences (e.g. food, sightseeing, relaxing)

Based on this input, the system will suggest:

- Personalized itinerary for free hours
- Recommended restaurants and local dishes
- Sightseeing and relaxation options near the hotel or meeting area
- Local etiquette tips and business dress code guidelines

Users and their role

Anonymous user

- Can access the web app to enter trip details and receive a generated plan.
- Can view suggested places, restaurants, and etiquette guidelines without registration.

Registered user

- May save past plans for future trips.
- Can customize or tweak their itinerary preferences.

Use Cases

Plan My Free Time

- User enters city, business hours, and preferences.
- System generates a suggested plan for free hours.

Get Etiquette and Dress Code Tips

- User requests cultural guidelines for their destination.
- AI suggests business etiquette, common customs, and appropriate dress code.

Restaurant and Relaxation Recommendations

- System suggests local restaurants matching user preferences.
- Highlights nearby relaxation spots or sightseeing locations.

Optional Use Cases

- Save planned trips (for registered users).

Technology

- **Backend:** Spring Boot
- **Frontend:** React.js, CSS
- **AI Integration:** OpenAI or similar API for:
 - Generating personalized itineraries
 - Providing local etiquette and dress code advice
- **Build Tools:** Maven or Gradle
- **Database:** PostgreSQL (for saved plans / user accounts)