

INFO 5100 Final Project

# TravelZen

## Group Members:

Minal Tayde (002319636)

Shruti Dixit (002088111)

Isha Karankale (002312515)



# Problem Statement

Managing travel logistics, including flights, accommodations, and itinerary updates, can be challenging and time-consuming. The absence of a centralized platform often results in inefficiencies and a less enjoyable travel experience. A comprehensive, cohesive solution is essential to simplify travel planning and enhance the overall journey.

# Solution Overview

TravelZen is a unified platform designed to simplify and harmonize travel planning and management. It connects key stakeholders—airlines, travel operators, hotel operators—through a Travel Network. By offering automated work requests and user-friendly interfaces for travelers and admins, TravelZen ensures a seamless travel experience.

# Enterprises

- Government Tourism Board
- Transportation Board
- Financial Management Board
- Travel Department Board

# Organizations

- Local Business Agency
- Hotel Agency
- Travel Agency
- Transport Agency
- Currency Exchange Agency (USA, INDIA, CHINA, EUROPE)
- Customer Support

# Roles

- Admin
- Customer
- Travel Agency Manager
- Hotel Manager
- Financial Manager
- Local Business Manager
- Transportation board manager
- GovernmentBoardManager

# COMPONENT OVERVIEW

## UI Layer

Role-based  
dashboards for Admins  
& Travelers.

## Business Logic Layer

Itinerary  
Management &  
Booking Management.

## Data Access Layer

Centralized database  
for admins and  
customers.

## External Services

API



# ADVANCED FEATURES

- API for Currency Conversion
- Budget Planning
- Centralized Database
- Email Verification
- Password Encryption





# Conclusion

Travel Network is a platform that connects airlines, tour operators, hotels, and other travel providers to create a seamless experience. It brings together two main groups: enterprises, such as airlines and hotels, which offer travel services, and organizations, which handle tasks like flight scheduling, bookings, and customer support. By promoting collaboration between these groups, Travel Network ensures smoother operations and a better experience for travelers.

Thank You !!!