Assignment 4:

TRAVEL AGENCY REPORT:

Riya Moitra : 001528940
Jatin Sharma : 001524467
Shivani Vats : 001097126

Problem Statement

Expansion of the model for the travel agency to travel services such as -

- Car rental from car rental companies
- Hotel reservations from local hotels in the area
- Provide support for multiple stops on a travel plan
- Elaboration for implementation of such a model.

Abstract

- Creating an expansion for the travel agency project which is implementing the flight ticket booking model. The model described further is to enable the customer to have further features for stay and travel from their source to their destination. The customer can book multiple flight tickets, hotel stay booking, and cab booking for transportation at their preferred time, duration and destination.

Proposed Solution

- When the customer books the flight tickets, they can be prompted to book any further services they want to avail from the travel service agency. The services available for the same would be

    1. Hotels [Stay]
    2. Cabs [Transportation]

- The list of the hotels and cabs for service would be loaded as per availability at the location. The bookings would be later visible to the customer from their account.

- The model for booking of these services would be like the flight booking model designed for the assignment.

- The customer would be able to book, modify and cancel bookings for the provided services for the travel, stay and transport via the app from their personal account, after signing up or logging in.

Use Cases

1) Customer

- The customer is one of the Actors and will be prompted to log in or sign up. So that the travel agency has the customer records, and the booking details can be associated to the customer.

2) Airliner

- The Airliner would provide information for their airplanes and details regarding their flight schedules. If the user selects the seats which are already selected, then the user is prompted regarding the same that the seat has been already booked.

3) Hotel Admin

- The admin/ manager can add or remove Hotels to the Travel Agency

- The Hotel admin would provide information for their Hotels and details regarding their available hotel rooms. Their object for sale would be rooms for which they would show availability across various hotels and destinations. A search function similar to the one implemented for flight search can be designed.

4) Car Rental Group Admin

- The admin/ manager can add or remove cars or car fleets to the Travel Agency.

- The Car rental group admin would provide information for their various vehicles and their details. Their object for sale would be vehicles/vehicle seats for which they would show availability across various locations.

5) Travel Agent

- The Travel agent would be the administrator for the application who would be able to regulate and moderate the application. They would be able to make bookings for their customers. They can view customer booking history.

- Manage, add or delete the flights, hotels, cars and can change or update the details.