Application Requirements Specification for
Travel With Me

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Purpose Statement:

TRAVEL With ME a Travel Management System serves as a centralized platform that brings together various aspects of travel planning, management and booking. This will streamline the process of booking transportation and accommodations, focusing on customer convenience, efficient payment handling, and comprehensive record management. It aims to provide users with a user-friendly interface to browse, select, and book cabs, hotels, and create personalized travel packages, enhancing their overall booking experience.

Requirements Narrative:

In this project, Travel Management System, Customizing the user needs and Payment Management system will be developed. Users can log in using their unique credentials.

1. User-Friendly Interface:

- Provide an intuitive and easy-to-use interface for browsing and selecting travel options.
- Ensure seamless navigation for booking cabs, hotels, and creating personalized travel packages.

2. Booking Functionality:

- Enable users to book transportation services with options for different schedules and preferences.
- Facilitate hotel bookings, allowing users to choose accommodations based on location, amenities, and price range.

3. Personalized Travel Packages:

- Offer the ability to create customized travel packages, combining transportation and accommodation options to suit individual preferences.

4. Payment Handling:

- Implement secure payment gateways to handle transactions for bookings.
- Ensure efficient processing of payments with multiple payment methods for user convenience.

5. Record Management:

- Maintain comprehensive records of bookings, including itinerary details, invoices, and payment history.
- Provide users with access to their booking history for reference and future planning.

6. Confirmation:

- Users can view booking confirmations upon successful reservations.

Objectives:

Login Page

```
Username

Password

LogIn          Signup

               Forget Password
```

Create a new account

Username Enter user Name

Name Enter Full Name

Password Enter Password

Email Enter Email

Phone Number Enter Phone Number

Security Question What is your favorite food?

Answer

Create Account

Dash Board

Add Personal Details
Update Personal Details
View Details
Delete Personal Details
Packages
Book a package
View package
Hotels
Book Hotel
Book Transport
View Booked Hotel
Payment
About
Logout

Customer Details

Name
Enter Name

Phone Number
Enter Phone Number

Gender
Female Male Non Binary

Age
Enter Age

Email
Enter Email

Address
Enter Address

Add Next

Update Customer Details

Name
Sam

Phone Number
+1 456 789 1234

Gender
Female Male Non Binary

Age
27

Email
sam23@gmail.com

Address
123 seattle,WA

Update Next

Customer Details

Name	**Sam**
Phone Number	**+1 456 789 1234**
Gender	**Female**
Age	**27**
Email	**sam23@gmail.com**
Address	**123 seattle,WA**

Back

Package 1	Package 2	Package 3

Gold Package

Go city pass for 5 days

Airport Assistance

Breakfast Included

Welcome Drinks Included on Arrival

One day Full Island cruise Included

Price - $ 500

Book Now

Book Package

Name	**Sam**
Phone Number	**+1 456 789 1234**
Package	Gold Package ⌄
Total Persons	2
ID	Driving License ⌄
ID Number	**789 1234345**
E mail	**sam23@gmail.com**

Total Price - $1000

Book Now

View Package Details

Name	**Sam**
Phone Number	**+1 456 789 1234**
Package	**Gold**
Total persons	**2**
ID	**Driving License**
ID Number	**789 1234345**
E mail	**sam23@gmail.com**

Total Price - $1000

Book Hotel

Name	Sam
Select Hotel	[⌄]
Total Persons	2
Total no of days	2
ID	Driving License [⌄]
ID Number	789 1234345
Address	Enter Address

[Check Price]

Total Price   **$700**

[Book]

View Booked Hotel

Name	Sam
Select Hotel	Hyatt
Total Persons	2
Total no of days	2
ID	Driving License
ID Number	789 1234345
Address	123 seattle,WA
Total Price	$700

Book Transport

Name	Sam
Select Transport	[⌄]
Total Persons	2
Total no of hours	2 ⌄
Type of vehicle	[⌄]
Self Drive	No ⌄

[Check Price]

Total Price	$75

[Book]

Delete Customer Details

Username	Sam
Phone Number	+1 456 789 1234
Gender	Female
Age	27
Email	sam23@gmail.com
Address	123 seattle,WA

[Delete]

Payment Page

Zelle

Credit card/Debit card

Paypal

Customer Functionality:

1. Update User Information: Allows customers to modify their personal details.
2. Package Details and Edit: The user can choose and create a package as per the needs.
3. View User Details: Access to view their profile and booking history.
4. Bookings: Books hotels, cabs and packages as per the user's needs.
5. Payment Management: Allows the customer to manage the payments and view.

Functional Specification:

Roles and Functions:

The system is divided into two functions Customer and Other functions. The main objective of the **Travel with Me** is to manage the details of Customer, Hotel Booking, Cancellation and Tourism places. It manages all the information about Users, Hotel, Packages etc.

Customer Functions

1. userRegistraionLogin()
2. forgotPassword()
3. profileManagement()
4. bookPackage()
5. bookHotel()
6. bookTransportation()
7. payment()
8. confirmation()

Other Common Functions

1. addCustomer()
2. updateCustomer ()
3. deleteCustomer()
4. checkPackage()
5. checkHotel()
6. viewBookedHotel()
7. viewCustomer()
8. viewPackage()

Classes Used:

1. About
2. AddCustomer
3. Application
4. BookHotel
5. BookPackage
6. CheckHotels
7. CheckPackage
8. Connections
9. Dashboard
10. DeleteCustomer
11. Destinations
12. Feedback
13. ForgotPassword
14. Login
15. Payment
16. Security
17. Signup
18. Splash
19. Transportation
20. UpdateCustomer
21. ViewBookedHotel
22. ViewCustomer
23. ViewPackage

Technologies Used:

- Tool: Eclipse, NetBeans, JVM
- Java Framework: Swing (for user interface)
- Database: MySQL Workbench

Conclusion:

- The system aims to provide intuitive interfaces for customers, enhancing their ability to manage bookings, payments, and user details efficiently.
- The chosen technologies facilitate development and aim to provide a smooth user experience while handling bookings, payment processing, and data management.

Scope Limitations:

- This Management System is a model open for future advancements as per the changing needs of the User, Market and Technology.
- The above project restricts its functionality to User aspects.
- This project is currently designed in the Beta Version, but we intend to add more admin functionalities in the near future.