Bookme
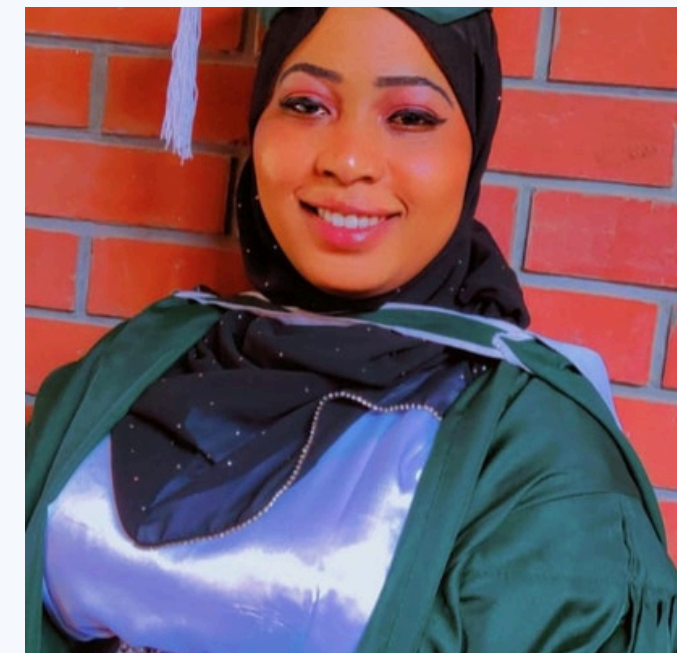
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Introduction

The project aims to develop a complete and user-friendly travel application (BOOKME), allowing users to book plane tickets, rent cars and book hotel rooms in one place. The app will provide a smooth and streamlined user experience, integrating essential features to plan and organize trips efficiently.

Objectives

✿ To develop and Design an intuitive, user-friendly interface to optimize the overall user experience

✿ Guarantee the accessibility of the platform across a diverse range of devices.

✿ Integrating systems that provide up-to-the-minute information on services availability.

Features

- Flight Ticket Reservation

- Car rental

- Hotel Reservation
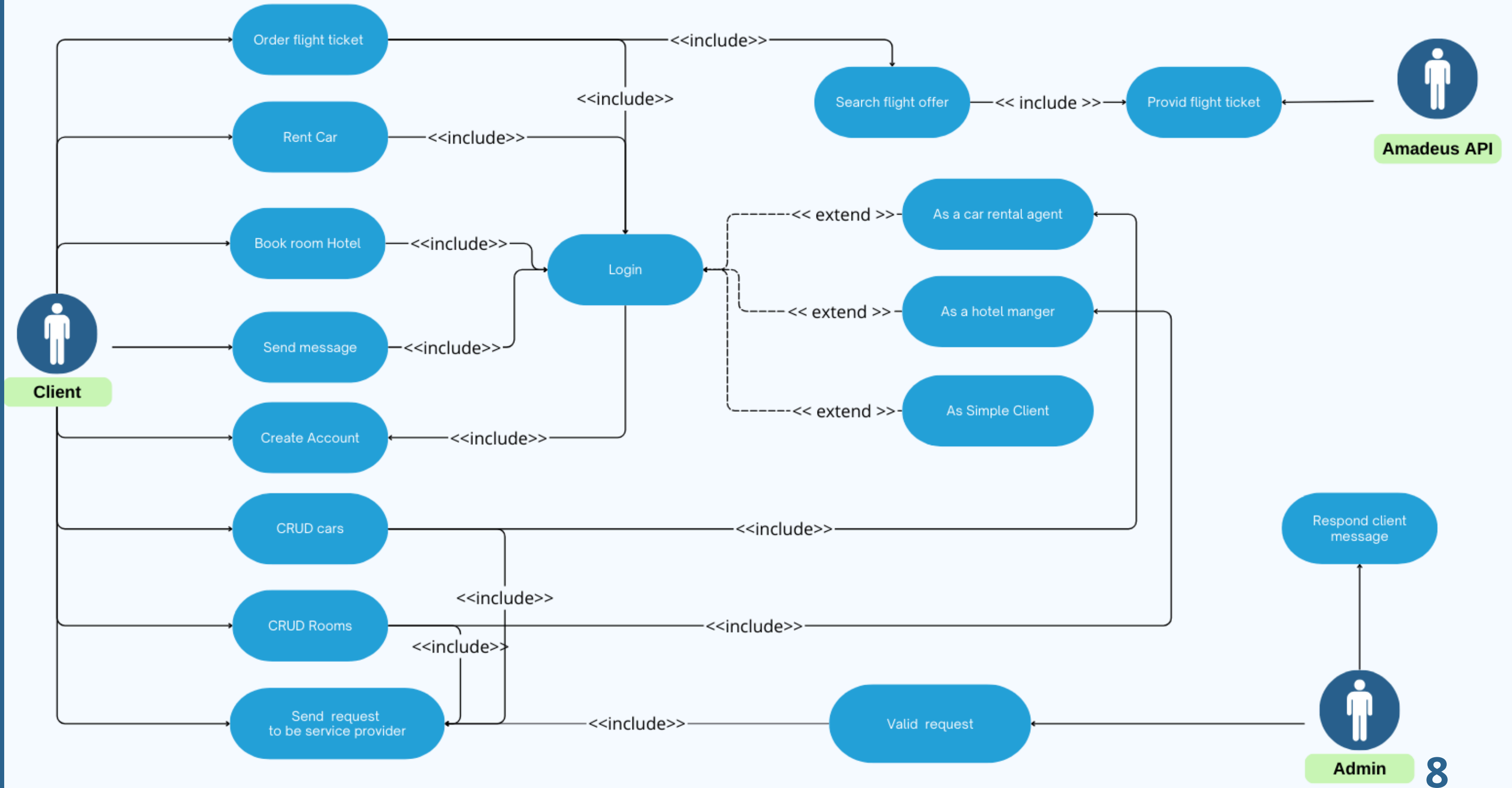
- Integration of secure payment methods.

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- ✸ **Personalized Recommendation**

- ✸ **Account management**

- ✸ **Notifications and Alerts**

- ✸ **Backoffice implementation**

- ✸ **Security and Privacy**

Use Case Diagram

Client
- Order flight ticket
- Rent Car
- Book room Hotel
- Send message
- Create Account
- CRUD cars
- CRUD Rooms
- Send request to be service provider

Order flight ticket <<include>> Search flight offer
Search flight offer << include >> Provid flight ticket
Provid flight ticket — Amadeus API

Rent Car <<include>> Login
Book room Hotel <<include>> Login
Send message <<include>> Login
Order flight ticket <<include>> Login
Create Account <<include>> Login

Login << extend >> As a car rental agent
Login << extend >> As a hotel manger
Login << extend >> As Simple Client

CRUD cars <<include>> As a car rental agent
CRUD Rooms <<include>> As a hotel manger

CRUD cars <<include>>
CRUD Rooms <<include>>
Send request to be service provider <<include>> Valid request

Valid request — Admin
Respond client message — Admin

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Implemented features

◈ **Car Rental**

- View the complete list of available car services.
- Selection of Available Cars based on Preferences (brand, type, price range).
- Customize searches according to your needs (brand, price range and model).
- See vehicle details and rental policy.
- View the list of his car rent.

✦ Flight Ticket Reservation

- Search for airline ticket offers.
- View airline ticket options with details on schedules, airlines, stopovers, etc.

✦ Hotel Reservation

- View the complete list of the Hotels and their different categories of rooms.
- Search Hotels According to Destination(Country), Dates, and Preferences (price range, number of people...).
- Hotel overview with detailed information on amenities, rates, etc.
- View the list of his booking rooms.

Account management
- Creation of Secure User Accounts with Personalized Profiles.
- Ability for user to login and logout.
- Ability for user to update his profile

Integration of secure payment methods
- Ability to pay with Visa card, Master card, American express, and Discover.

Notifications and Alerts
- Display a notification to confirm successful payment and reservation.
- Send an email to user to confirm receipt of the reservation and payment.

✸ Personalized Recommendation
- Offer users an automatic recommendation based on their history or the most popular offer.

✸ Dashboader implementation
- Ability for service provider to add service.
- View all bookings.

✸ Backoffice implementation
- Allow user to become service provider.
- View all service providers.

Development Tools

Demonstration

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Conclusion

BOOKME web application offer an all-in-one solution for travelers, simplifying travel planning and booking. By combining airline ticket booking, Car rental and hotel booking into one easy-to-use platform, the app aim to improve users' experience and facilitate their travel adventures.

Thank you!!!