Marketplace Technical Foundation - [Car-Rental Website]

Frontend Requirements:
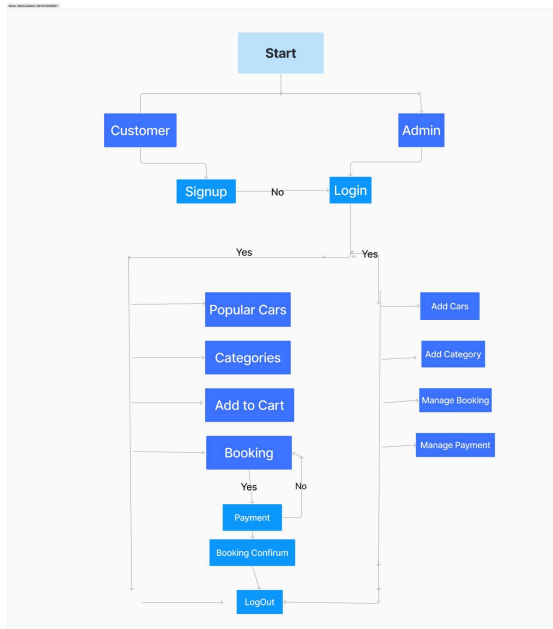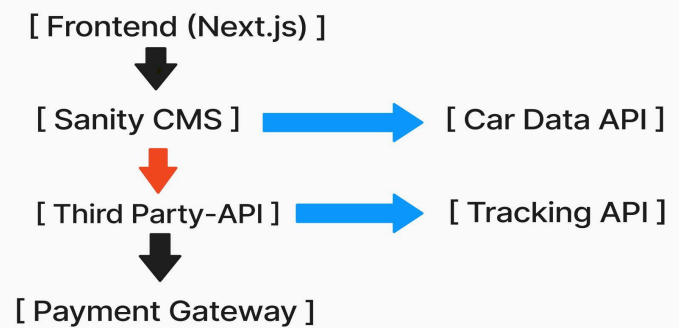
Pages Overview

1. LogIn

- Users can log in using their email/password or other available methods (e.g., Google, Facebook).
- Once logged in, users remain signed in until they manually log out.

2. SignUp

- Allows users to create an account by providing their email and password.

3. Secure Routes

- Only authenticated users can access protected routes, such as Cart, Checkout, and Profile.

Navbar

- **Logo:** Website logo.
- **Search Bar:** For searching cars and content.

- **Buttons:** Login and SignUp.
- **Navigation Menu:** User-friendly menu for navigation.

Pages

Home Page

- **Featured Section:** Best rental cars.
- **Action Button:** Rental Car button.
- **Pickup & Drop-off Section.**

Popular Cars Page

- Detailed car information (model, fuel type, seating capacity).
- Car images.
- Pricing (current and original prices).
- "Favourite" button for bookmarking cars.

Categories Page

- Car details (name, type, price, discount).
- Specifications (fuel type, manual/automatic, seating capacity).
- "Rent Now" button.
- Responsive grid design for displaying cars.

Cart Page

- List of selected cars with rental dates.
- Summary of rental charges.
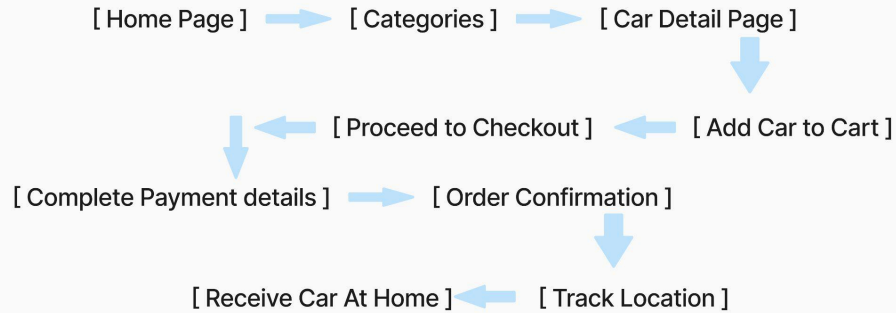- Option to add or remove cars from the cart.

Checkout Page

- Rental information (location, date, time).
- Payment options (credit card, PayPal, Bitcoin).
- Billing details.
- "Rent Now" button with privacy policy confirmation.

Tracking Page

- Booking status (e.g., "Confirmed").
- Real-time updates on car availability and pickup location.

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Workflow Diagram Visual Representation :

[Home Page] → [Categories] → [Car Detail Page]
↓
[Complete Payment details] ← [Proceed to Checkout] ← [Add Car to Cart]
↓
[Complete Payment details] → [Order Confirmation]
↓
[Receive Car At Home] ← [Track Location]

Footer

- **Information Sections:**
  - About Us.
  - How It Works.
  - Featured Products.
  - Partnerships.
  - Privacy Policy.
  - Terms & Conditions.
  - Contact Information.
- **Social Media Links:** Discord, Instagram, Facebook, Twitter.

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Customer-Payment-relationship

Customer
Customer_id
Name
Email
Phone

Payment
Payment_id
Customer_id
Amount
Status

Customer-Order-relationship

Order
Order ID
Order_date
Amount
Status
Car_id
Customer_id

Car
Car_id
Car_Name
Car_price
Car_type
Available

Order-Oderitem-relationship

Order-item
Order_id
Car_id
Subtotal

RentalCar-Orderitem-relationship