Real Time Status Updates
Order Confirmation

Frontend (User Interface)

Request Product Data | Process Payment

Products Data API

Payment Gateway

Fetch Car Data | Confirm Payment | Send Products Details

Send order details
Store User Data

Sanity CMS(Database)

Send confirmation E-mail | Update Return Status

Third Party Email API

Shipment/Return API

Category- Specific Enhancements :-

We will also implement workflows designed for specific rental needs, including :

Category- Specific Enhancements :-

We will also implement workflows designed for specific rental needs, including :

1) Flexible rental durations.
2) ~~Streamlined return management~~
3) Comprehensive vehicle condition reports.
4) Streamlined return management processes.

These workflows are designed to create a smooth and efficient experience for both users and administrators, optimizing the entire car rental processes.

- Shipment/Return Tracking :- The return status is updated in Sanity cms, allowing for real-time

- Shipment/Return Tracking:- The return status is updated in Sanity cms, allowing for a real-time updates on the frontend.

Category-Specific:- We offer flexible rental duration, condition reports, and return management.

Users: can choose thier preffered cars and rental duration. Key order details, such as car ID, rental duration, and deposit information, are securely sent to sanity cms. A payment request is efficiently processed through the integrated payment galeway. A clear order confirmation is presented to the user and securely stored in Sanity cms.

Shipment/Tracking Return Tracking :-
                Real-Time Updates and Transparency

        The return status is updated in sanity cms via dedicated third-party API, ensuring real-time accuracy. Users can easily access those status updates on the frontend, providing complete transparency.

Geolocation:- Utilize Google Maps for selecting locations, calculating distances, and determining delivery fees.

Notifications: Recieve SMS and email updates for booking confirmations and rental status.

Key Car Rental Workflows :-

User Registration:- Users sign up on the frontend, and their data is stored in Sanity CMS, followed by an email confirmation.

Product Browsing:- Customers browse available cars on the frontend, with data fetched from Sanity CMS, leading to a filtered display of cars.

Order Placement:- Users select a car and rental duration which sends order details to Sanity CMS, followed by a payment request and order confirmation.

Sanity CMS will handle all backend data & workflows :-

Content Management :- It keeps track of car details (make, model, price, availability), customer information (name, email, rental history), and order data (ID, car ID, duration, pickup / return).

Backend Workflow :- It supports car listings, books records, and real - time content updates (pricing, promotions).

We will incorporate essential APIs to improve functionality :-

Shipment Tracking :- Get real-time updates on pickups and return, along with estimated times.
Payment Gateways :- Ensure secure transactions through Stripe, Paypal, and possibly ~~cryptocu~~ cryptocurrency, accomodating various currencies.