

Data Now Example

4. User Browsing:

Ouser Visits the marketplace

Prontend.

Next is sends a request to the Sanity CMS API
to fetch the latest product listings.

Product data is dynamically rendered on
the website.

5. Product Details:

User thek toth a product.

Next-is request detailed product information

(image, pricing, stock) from Sanfty cms.

Data is displayed in the frontend.

6. Checkout:
User adds products to the carl and

Wext is intergrates with the payment Gateway

API to process the transaction securely.

7- Order Management:

Next, is sends order tetail to sanity CMS for Storage.

An order confirmation is displayed to the user.



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8. Shipment Tracking: ApI provides & Shipment tracking ApI provides & Shipment tracking ApI provides & Shipment tracking and notification to the customer.

SYSTEM ARCHITECTURE

FRONTEND NexT.js

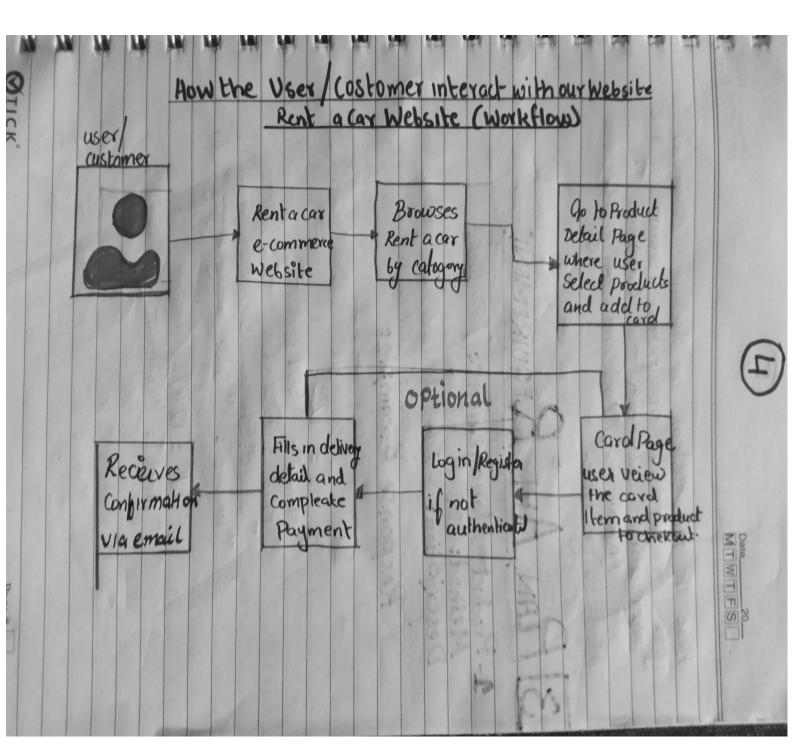
CMS (Sonity) interact our website Samily for data

Management.

MOCKAPI Sencidata in Sanity mock APIS

Data base

THIRD PARTY APIS Payments Shipment.





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Here is the system orchitecture diagram for your market place application, showcoding the interaction between the frontered of (Next is), Backsend (sonity CMS), and Third-Party APIS.

3 RAN APL REQUIREMENT

1-Product Managements / Products
Method: GET

Description: Fetch all available products from Sanity

Response Examples

"Nome": "SUV Rental".

"Price": 100,

"Stock": 5, "Suy-mage o Jpg" 3,

{ "Id" : "124",

" Nome": "compact

"Stock":10,

" image " & compact - image = jpg"}



2. Product Details Endpoint Name: / Products/id Description: Fetch detailed information for a specific Product by 10 Response Example & "Name "& SUV Rental".
"description": "Spacious SUV for Jamily trips." "Image": "Suv-Image. Jpg,
" features": ["GPS", "Automatic Transmission," "Air conditioning"] 3. Add Rental Duration Endpoint Name: /rental-duration Method: Post Description: Add rental details for a specific product Payload Example: "123" "deposite": 500 3 Response Example:

E "Confirmation Id": "789"

"Status": "Success"3



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4. Order Management Endpoint Nome: orders.
Method: Post · Description: Create a new order in south · Payload Example: E"Name": "John Doe",

"emaîl": "John . dee @ example · com",

"Phone": "1234567890"3, [{ "Id" : "123",
"Name": "SUV Rental" "quantity": 1,
"Price's 1003], " payment Status" : "Pe Response Example: 1456", "Status": Order Created" } 5. Shipment Tracking; Endpoint Name: / Shipment Method: GET a Third-porty ARI.

Response Example: { "Shipment Id": "SHIP123".

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"Status": "In Transit",
"expected Delivery Date": "2025-01-20" 3

6. Customer Management

Endpoint Name: / customers / d

Method: GET

Description: Fetch customer detail by 18.

Response Example:

{ "Id" & "001",

"Name": John Doe",

"email": "John doe @ example .com",

"phone": "1234561890",

"oxder!!istory": [{ "oxder!D": "456",

"date": "2025-01-15",

"total": 150 3] 3