

Endpoint Name	Method	Description	Payload	Response Example
/api/product	GET	Get a list of all available rental products (e.g., cars, bikes).	None	[{ "id": 1, "name": "Car A", "pricePerDay": 100, "available": true }, { "id": 2, "name": "Bike A", "pricePerDay": 50, "available": false }]
/api/product_id	GET	Get details of a specific product.	id (Path)	{ "id": 1, "name": "Car A", "pricePerDay": 100, "description": "Luxury sedan", "available": true }
/api/product	POST	Post the data form sanity	Name,price,availability	
/api/products/search	GET	Search for products based on criteria like type or availability.	type, availability (Query)	[{ "id": 1, "name": "Car A", "type": "SUV", "available": true }]
/api/rentals	POST	Create a new rental order for a product.	userId, productId, startDate, endDate, totalCost(body)	{ "orderId": 101, "status": "Rental Created", "confirmation": "Success" }
/api/rentals/:id	GET	Get details of a rental order.	id (Path)	{ "orderId": 101, "product": "Car A", "status": "In Use", "returnDate": "2025-01-27" }
/api/rentals/:id	PUT	Update rental order details (e.g., extend rental period).	id (Path), newReturnDate (Body)	{ "orderId": 101, "status": "Rental Updated", "newReturnDate": "2025-01-30" }

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/api/rentals/:id	DELETE	Cancel a rental order.	id (Path)	{ "orderId": 101, "status": "Cancelled Successfully" }
/api/shipment/:id	GET	Track shipment or delivery status of a rental product.	id (Path)	{ "shipmentId": 201, "status": "Out for Delivery", "expectedDelivery": "2025-01-20" }
/api/categories	GET	Get a list of all product categories (e.g., SUVs, Sedans).	none	{ "categories": ["vehicles", "home-appliances", "tools"] }
/api/categories/id	GET	Get products under a specific category.	id (Path)	[{ "id": 3, "name": "Truck A", "pricePerDay": 300, "available": true }]
/api/users/register	POST	Register a new user for the platform.	name, email, password (Body)	{ "userId": 102, "status": "Registration Successful" }
/api/users/login	POST	Log in a user to the platform.	email, password	{ "userId": 102, "status": "Login Successful", "token": "xyz123" }
/api/users/profile	GET	Fetch user profile details, including rental history.	token (Header)	{ "userId": 102, "name": "John Doe", "rentalHistory": [{ "orderId": 101, "product": "Car A", "status": "Returned" }] }
/api/payments	POST	Payment for a rental order	userId, orderId, paymentMethod (Body)	{ "paymentId": 501, "status": "Payment Successful", "amount": 500 }
/api/reviews	POST	Add a review for a product.	userId, productId, rating, commen	{ "review_Id": 301, "status": "Review Added" }