

1.Add New Vehicle

Command: !add_vehicle {"manufacturer":"Toyota", "model":"Camry SE", "year":"2022", "vehicleType":"SEDAN", "tier":2,"miles":1000,"wear":"new","rentalOfficeID":"office001","vehicleTypeDescription":"4 door sedan"}

Description: Adds a new vehicle to the fleet with the following input.

2.Update Vehicle Availability

Command:!update_vehicle_availability {"vehicleID":"vehicle2", "availabilityStatus":"available"}

Description: Updates the availability status of a vehicle2 to available.

3.View List of Available Vehicles

Command: !list_available_vehicles

Description: Lists all available vehicles for rental.

4.Register New Customer

Command: !register_customer {"email": "yutomori@email.com", "password": "securepassword123", "name": "yuto mori", "address": "456 Oak Ave.", "method_type": "debit", "account_holder": "yuto mori", "account_number": 9876543210987654, "expiration_date": "2026-06-30", "security_code": 456, "billing_address": "456 Oak Ave.", "bank_name": "Japan Bank"}

Description: Registers a new customer in the system with the following input.

5.View Customer Rental History

Command: !customer_rental_history {"customerID":"customer4"}

Description: Records maintenance performed on a vehicle. Keeping detailed records of all maintenance activities ensures that vehicles are kept in optimal condition.

6. Record Vehicle Maintenance

Command: !record_vehicle_maintenance {"maintenanceID": "mr001"}

Description: Records maintenance performed on a vehicle. Keeping detailed records of all maintenance activities ensures that vehicles are kept in optimal condition.

Description: Registers a new customer in the system. Proper registration is essential for tracking customer activity and ensuring personalized service.

7. Assign Vehicle to Customer

Command: !assign_vehicle {"customerID": "user001", "preferred_vehicle": "vehicle1", "PickupTime": "2024-06-01 10:00:00", "ReturnTime": "2024-06-03 14:00:00", "PickupAt": "office002", "ReturnAt": "office001", "front_desk_employee_id": "user004"}

Description: Assigns a vehicle to a customer for a rental period. This helps in managing fleet availability and tracking vehicle usage.

8. Add Payment Method

Command: !add_payment_method {"accountHolder": "John Doe", "methodType": "Credit Card", "accountNumber": "1234567890", "expiration": "2025-12-31", "BillingAddress": "NYC times 333 square st", "BankName": "NYC BANK", "securityCode": "777"}

Description: Adds a payment method for a customer. This allows customers to securely store their payment information for future transactions.

9. Generate Rental Invoice

Command: !generate_invoice { "description": "Rental of Toyota Camry3", "amount": 350, "payment_date": "2024-04-20", "payment_method": "payment5", "customer_id": "customer5", "back_end_employee_id": "user005"}

Description: Generates an invoice using transaction table using following input.

10.Update Customer Contact Info

Command: !update_customer_contact {"customerID": "customer5", "email": "newemail2@example.com", "address": "555 New Street, Anytown CA 12345"}

Description: Updates the contact information of a customer using following input.

11.Add New Rental Office

Command: !add_rental_office {"address": "222 Main St, New York, NY", "name": "New York Office3"}

Description: Adds a new rental office location using following input.

12.View List of All Vehicles

Command: !list_all_vehicles

Description: Lists all vehicles in the fleet. This command provides a comprehensive overview of all vehicles, regardless of their availability status.

13.Schedule Maintenance

Command: !schedule_maintenance {"vehicleID": "Vehicle3", "serviceCenterID": "center001", "StartDate": "2024-06-01", "EndDate": "2024-06-07"}

Description: Records maintenance performed on a vehicle. Keeping detailed records of all maintenance activities ensures that vehicles are kept in optimal condition.

14.Assign Employee to Office

Command: !assign_employee_to_office {"employeeID": "user004", "officeID": "office003"}

Description: Assigns an employee to a rental office. Accurate employee assignments improve operational effectiveness.

15.View List of Customer Feedback

Command: !list_customer_feedback

Description: Lists feedback given by customers. Collecting and reviewing customer feedback is essential for improving service quality and addressing any issues.