Task 1

1.1

📄 Car.java	Initial work	2 weeks ago
📄 Customer.java	Initial work	2 weeks ago
📄 Minibus.java	Initial work	2 weeks ago
📄 PickupTruck.java	Initial work	2 weeks ago
📄 Rentable.java	Initial work	2 weeks ago
📄 RentalHistory.java	Initial work	2 weeks ago
📄 RentalRecord.java	Initial work	2 weeks ago
📄 RentalSystem.java	added the necessary changes for singleton design task 1.1	1 minute ago
📄 SportCar.java	Initial work	2 weeks ago
📄 Vehicle.java	Initial work	2 weeks ago
📄 VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	1 minute ago

1.2

📄 Car.java	Initial work	2 weeks ago
📄 Customer.java	Initial work	2 weeks ago
📄 Minibus.java	Initial work	2 weeks ago
📄 PickupTruck.java	Initial work	2 weeks ago
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📄 RentalHistory.java	Initial work	2 weeks ago
📄 RentalRecord.java	Initial work	2 weeks ago
📄 RentalSystem.java	task 1.2 implemented file storage of vehicle, customer an...	now
📄 SportCar.java	Initial work	2 weeks ago
📄 Vehicle.java	Initial work	2 weeks ago
📄 VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	26 minutes ago

1.3

Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	task 1.3 changes	now
SportCar.java	Initial work	2 weeks ago
Vehicle.java	Initial work	2 weeks ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	34 minutes ago

1.4

HashtagFootballer task 1.4		9 Commits
Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	task 1.4	now
SportCar.java	Initial work	2 weeks ago
Vehicle.java	Initial work	2 weeks ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	41 minutes ago

1.5

| Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	task 1.4	25 minutes ago
SportCar.java	Initial work	2 weeks ago
Vehicle.java	task 1.5	7 minutes ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	1 hour ago

1.6

```
6
| Type       | Plate      | Customer     | Date         | Amount       |
|------------------------------------------------------------------------|
| RENT       | AAA111     | George       | 2025-11-30   | $10000000.00 |
| RENT       | AAA111     | George       | 2025-11-30   | $10000000.00 |
| RENT       | BBB222     | Anne         | 2025-11-30   | $19000.00    |
| RENT       | BBB222     | Anne         | 2025-11-30   | $19000.00    |
| RENT       | CCC333     | George       | 2025-11-30   | $100.00      |
| RENT       | CCC333     | George       | 2025-11-30   | $100.00      |
| RETURN     | CCC333     | George       | 2025-11-30   | $0.00        |
| RETURN     | CCC333     | George       | 2025-11-30   | $0.00        |
| RENT       | CCC333     | Anne         | 2025-11-30   | $100.00      |
| RENT       | CCC333     | Anne         | 2025-11-30   | $100.00      |


1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

5

=== Available Vehicles ===
| Type          | Plate     | Make      | Model     | Year  | Status         |
|--------------------------------------------------------------------------------|
  No vehicles with Status: Available
```

```
6
| Type       | Plate      | Customer     | Date         | Amount       |
|------------------------------------------------------------------------|
| RENT       | AAA111     | George       | 2025-11-30   | $10000000.00 |
| RENT       | AAA111     | George       | 2025-11-30   | $10000000.00 |
| RENT       | BBB222     | Anne         | 2025-11-30   | $19000.00    |
| RENT       | BBB222     | Anne         | 2025-11-30   | $19000.00    |
| RENT       | CCC333     | George       | 2025-11-30   | $100.00      |
| RENT       | CCC333     | George       | 2025-11-30   | $100.00      |
| RETURN     | CCC333     | George       | 2025-11-30   | $0.00        |
| RETURN     | CCC333     | George       | 2025-11-30   | $0.00        |
| RENT       | CCC333     | Anne         | 2025-11-30   | $100.00      |
| RENT       | CCC333     | Anne         | 2025-11-30   | $100.00      |
```

Task 2

2.1

```
VehicleRentalApp (1) [Java Application] /Library/Java/Java
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
  1: Car
  2: Minibus
  3: Pickup Truck
1
Enter license plate: AAA100
Enter make: toyota
Enter model: camry
Enter year: 2016
Enter number of seats: 4
Car created.
Vehicle added successfully.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
  1: Car
  2: Minibus
  3: Pickup Truck
1
Enter license plate: ABC567
Enter make: honda
Enter model: civic
Enter year: 2024
Enter number of seats: 6
Car created.
Vehicle added successfully.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
  1: Car
  2: Minibus
  3: Pickup Truck
1
Enter license plate: ZZZ999
Enter make: toyota
Enter model: rav4
Enter year: 2023
Enter number of seats: 4
Car created.
Vehicle added successfully.
```

```
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
  1: Car
  2: Minibus
  3: Pickup Truck
1
Enter license plate:
Enter make: toyota
Enter model: camry
Enter year: 2003
Enter number of seats: 4
Car created.
Error: Invalid license plate format. Must be 3 letters followed by 3 numbers.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
  1: Car
  2: Minibus
  3: Pickup Truck
1
Enter license plate: AAA1000
Enter make: toyota
Enter model: camry
Enter year: 2023
Enter number of seats: 4
Car created.
Error: Invalid license plate format. Must be 3 letters followed by 3 numbers.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
  1: Car
  2: Minibus
  3: Pickup Truck
1
Enter license plate: ZZZ99
Enter make: toyota
Enter model: rav4
Enter year: 2023
Enter number of seats: 4
Car created.
Error: Invalid license plate format. Must be 3 letters followed by 3 numbers.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit
```

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HasntagFootballer task 1.4   c0c1717 now 5 Commits

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	Minibus.java	Initial work	2 weeks ago
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RentalSystem.java	task 1.4	25 minutes ago
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|-------------------------------------------------------------------------------|
  No vehicles with Status: Available
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