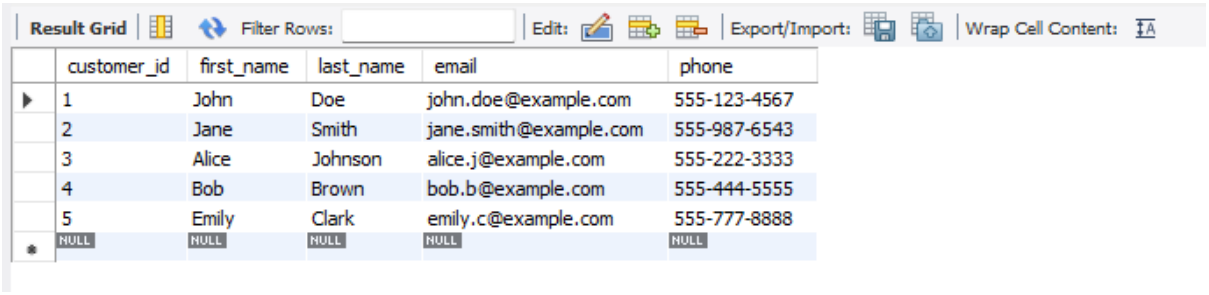
Submission 4: Table Data visualization & App functionalities

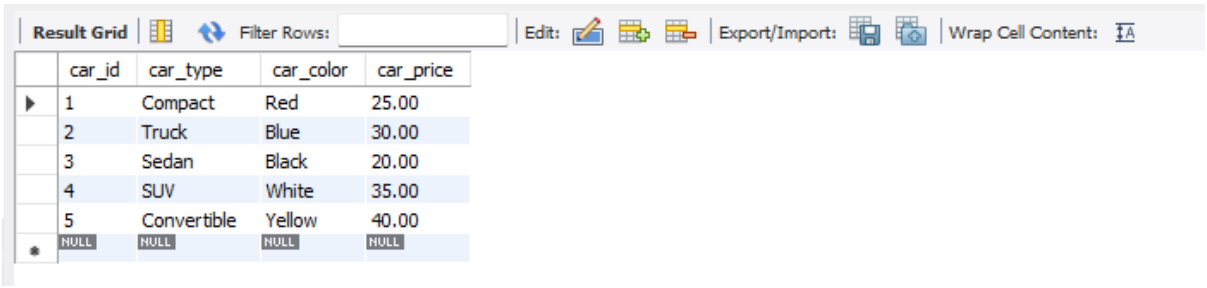
Data visualization

Table 1(customers)



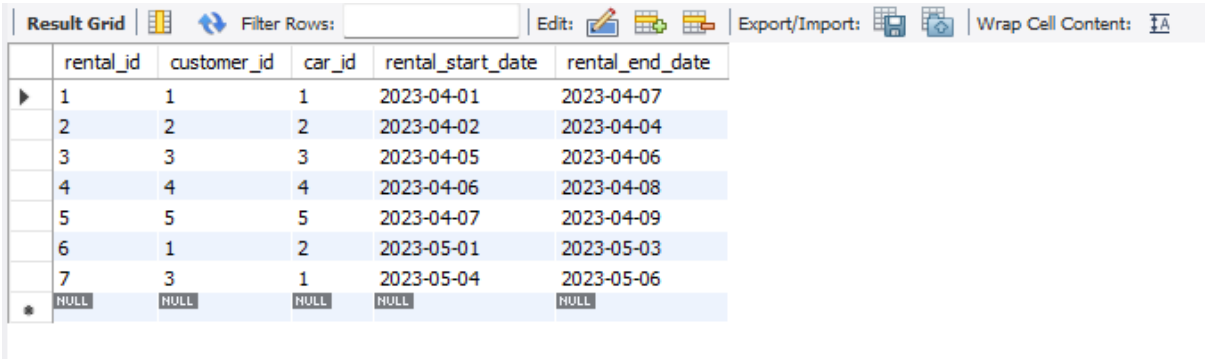
customer_id	first_name	last_name	email	phone
1	John	Doe	john.doe@example.com	555-123-4567
2	Jane	Smith	jane.smith@example.com	555-987-6543
3	Alice	Johnson	alice.j@example.com	555-222-3333
4	Bob	Brown	bob.b@example.com	555-444-5555
5	Emily	Clark	emily.c@example.com	555-777-8888
NULL	NULL	NULL	NULL	NULL

Table 2(Cars)



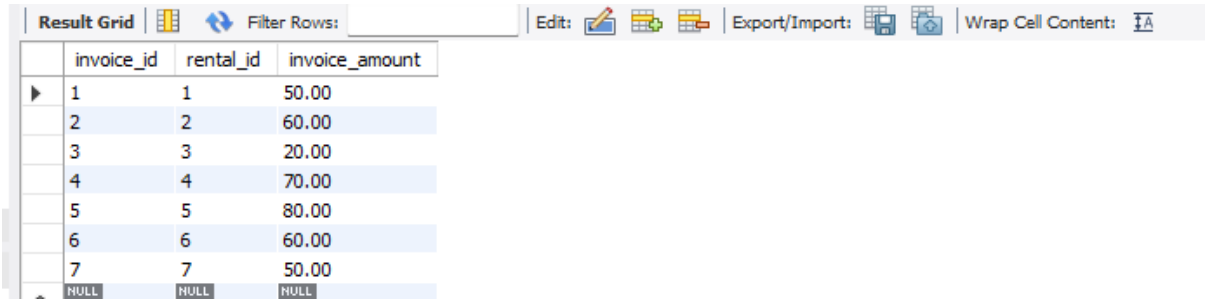
car_id	car_type	car_color	car_price
1	Compact	Red	25.00
2	Truck	Blue	30.00
3	Sedan	Black	20.00
4	SUV	White	35.00
5	Convertible	Yellow	40.00
NULL	NULL	NULL	NULL

Table3 (Rentals)



rental_id	customer_id	car_id	rental_start_date	rental_end_date
1	1	1	2023-04-01	2023-04-07
2	2	2	2023-04-02	2023-04-04
3	3	3	2023-04-05	2023-04-06
4	4	4	2023-04-06	2023-04-08
5	5	5	2023-04-07	2023-04-09
6	1	2	2023-05-01	2023-05-03
7	3	1	2023-05-04	2023-05-06
NULL	NULL	NULL	NULL	NULL

Table 4(Invoice)



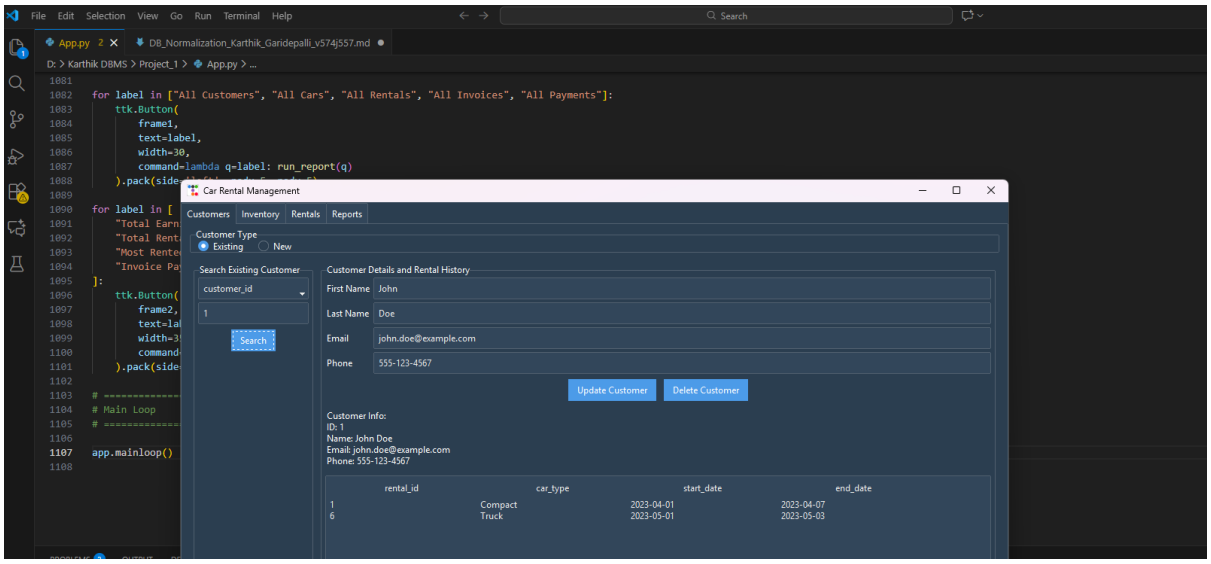
invoice_id	rental_id	invoice_amount
1	1	50.00
2	2	60.00
3	3	20.00
4	4	70.00
5	5	80.00
6	6	60.00
7	7	50.00
NULL	NULL	NULL

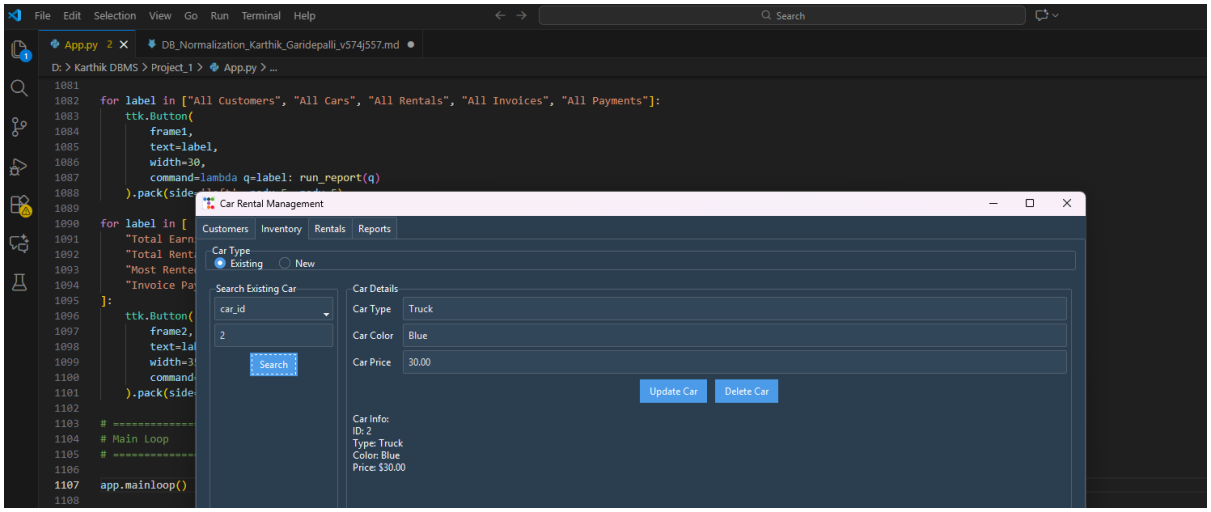
Table5 (payments)

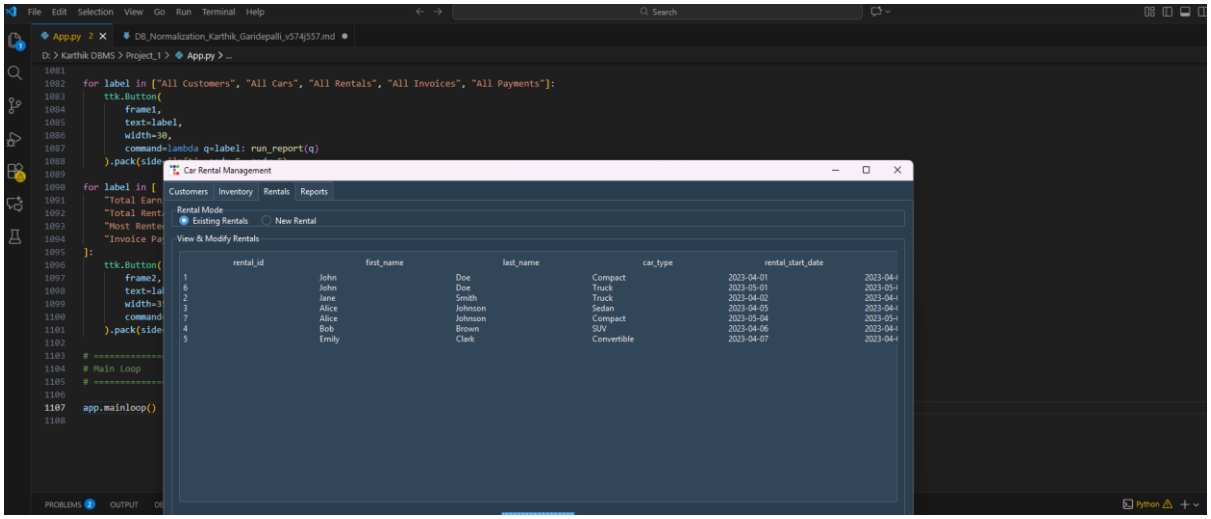
Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

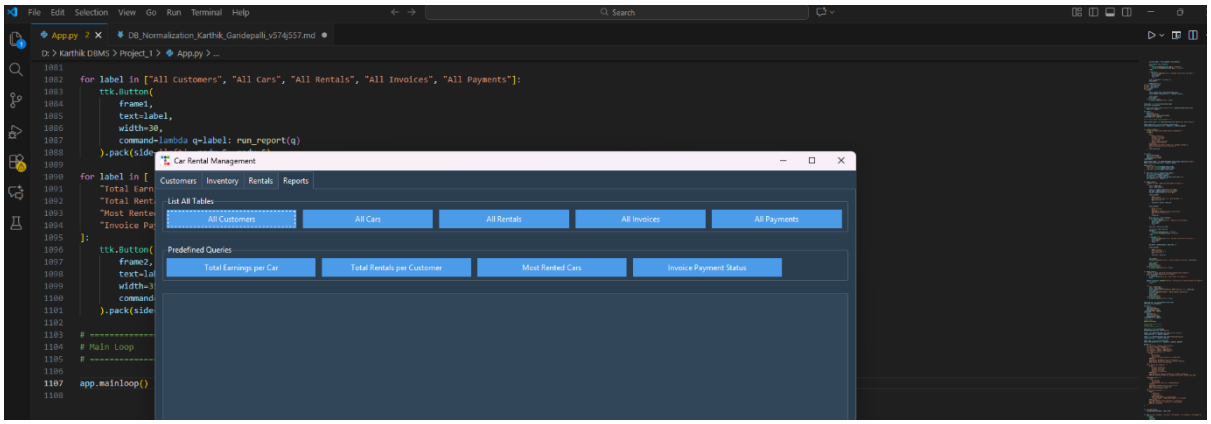
payment_id	invoice_id	payment_date	amount	payment_method
1	1	2023-04-04	150.00	card
2	1	2023-04-05	20.00	cash
3	2	2023-04-06	180.00	card
4	2	2023-04-07	15.00	cash
5	3	2023-04-13	90.00	card
6	3	2023-04-14	10.00	card
7	4	2023-04-19	200.00	card
8	4	2023-04-20	25.00	cash
9	5	2023-05-05	210.00	card
10	5	2023-05-06	30.00	cash
NULL	NULL	NULL	NULL	NULL

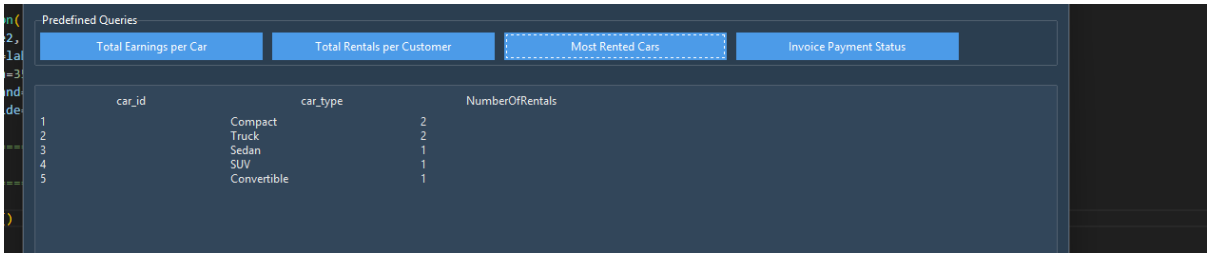
App functionalities

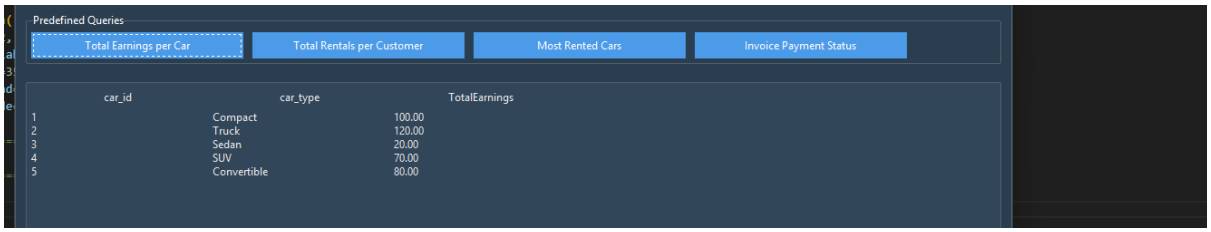





Car Rental Management
Customers
Inventory
Rentals
Reports
Rental Mode
Existing Rentals
New Rental
View & Modify Rentals
rental_id
first_name
last_name
car_type
rental_start_date


Car Rental Management
Customers
Inventory
Rentals
Reports
List All Tables
All Customers
All Cars
All Rentals
All Invoices
All Payments
Predefined Queries
Total Earnings per Car
Total Rentals per Customer
Most Rented Cars
Invoice Payment Status


Predefined Queries
Total Earnings per Car
Total Rentals per Customer
Most Rented Cars
Invoice Payment Status
car_id
car_type
NumberOfRentals
1 Compact 2
2 Truck 2
3 Sedan 1
4 SUV 1
5 Convertible 1


Predefined Queries
Total Earnings per Car
Total Rentals per Customer
Most Rented Cars
Invoice Payment Status
car_id
car_type
TotalEarnings
1 Compact 100.00
2 Truck 120.00
3 Sedan 20.00
4 SUV 70.00
5 Convertible 80.00