

University of Texas at Arlington

CSE 3330 Database Project 2 Part 3

CARZZ 3330

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HONOR CODE

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values

hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or that I contribute to group collaborations,

and I will appropriately reference any work from other sources. I will follow the highest standards of

integrity and uphold the spirit of the Honor Code. The project files and code can be found in the GitHub repositories:

<https://github.com/UT07> (master branch)

<https://github.com/adityachaudhari1412>

Tools Used for project:

Database: MySQL

Programming Language: HTML, CSS, Javascript, babel javascript

Database tool: MySQLWorkbench

The data was already present in MySQL server from previous part, we made a node.js API to fetch and post the relevant data according to requirements.

Importing the Database and Table Creation

To create Databases and importing the provided one and creating the tables, columns were fetched from Project Part 2 queries only. The project can be found in GitHub Repository provided along with the documentation.

<https://github.com/UT07>

<https://github.com/adityachaudhari1412>

and can be found on following website created:

<https://carz3330.herokuapp.com/>

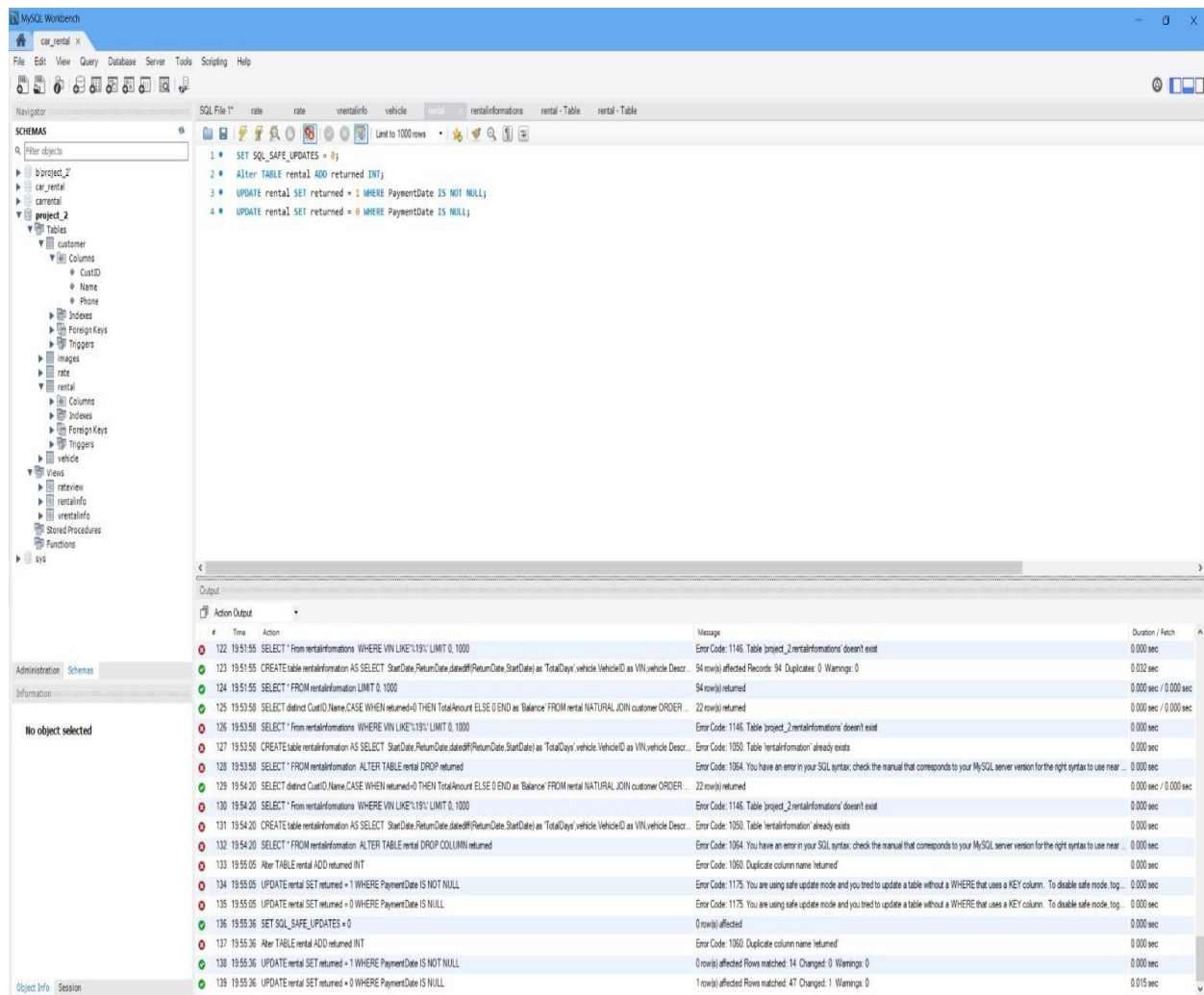
Task 1:

Query 1:

Alter TABLE rental ADD returned INT;

UPDATE rental SET returned = 1 WHERE PaymentDate IS NOT NULL;

UPDATE rental SET returned = 0 WHERE PaymentDate IS NULL;



Query 2:

CREATE VIEW vRentalInfo AS

SELECT DISTINCT StartDate,ReturnDate,datediff(ReturnDate,StartDate) as 'TotalDays',vehicle.VehicleID
as VIN,vehicle.Description as 'Vehicle', CASE WHEN

vehicle.Type=1 THEN 'Compact' WHEN vehicle.Type=2 THEN 'Medium' WHEN

vehicle.Type=3 THEN 'Large' WHEN vehicle.Type=4 THEN 'SUV' WHEN vehicle.Type=5

THEN 'Truck' ELSE 'Van' END AS Type, CASE WHEN vehicle.Category=0 THEN

'Basic' ELSE 'Luxury' END AS Category,CustID as 'CustomerID',Name as 'CustomerName', TotalAmount as 'OrderAmount', CASE WHEN PaymentDate IS NULL THEN 0 ELSE TotalAmount END AS 'Remaining Balance'from vehicle NATURAL JOIN rental natural JOIN customer ORDER BY

StartDate ASC;

SELECT * FROM vRentalInfo;

SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer;

SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer ORDER BY Name ASC;

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```

2
3 * SELECT * From rentalInformations WHERE VIN LIKE '191%';
4 * CREATE VIEW vRentalInfo AS
5 * SELECT StartDate,ReturnDate,datediff(ReturnDate,StartDate) as 'TotalDays',vehicle.VehicleID as VIN,vehicle.Description as 'Vehicle', CASE WHEN
6 * vehicle.Type=1 THEN 'Compact' WHEN vehicle.Type=2 THEN 'Medium' WHEN
7 * vehicle.Type=3 THEN 'Large' WHEN vehicle.Type=4 THEN 'SUV' WHEN vehicle.Type=5
8 * THEN 'Truck' ELSE 'Van' END AS Type, CASE WHEN vehicle.Category=0 THEN
9 * 'Basic' ELSE 'Luxury' END AS Category,CustID as 'CustomerID',Name as 'CustomerName',TotalAmount as 'OrderAmount', CASE WHEN PaymentDate IS NULL THEN 0 ELSE TotalAmount END AS 'RemainingBalance'from vehicle NATURAL JOIN rental natural JOIN customer ORDER BY
10 * StartDate ASC;
11 * SELECT * FROM vRentalInfo
12
13
14

```

The Results tab shows a table with the following columns: StartDate, ReturnDate, TotalDays, VIN, Vehicle, Type, Category, CustomerID, CustomerName, OrderAmount, and RemainingBalance. The table contains 23 rows of data.

The Output tab shows the execution log with the following messages:

```

140 20:00:32 DROP VIEW 'project_2'.'vrentalinfo' 0 row(s) affected 0.000 sec
141 20:02:45 SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer ORDER BY Name ASC LIMIT 0, 1000 23 row(s) returned 0.000 sec / 0.000 sec
142 20:02:45 SELECT * From rentalInformations WHERE VIN LIKE '191%'; LIMIT 0, 1000 ErrorCode: 1146. Table 'project_2.rentalInformations' doesn't exist 0.000 sec
143 20:02:45 CREATE VIEW vRentalInfo AS SELECT StartDate,ReturnDate,datediff(ReturnDate,StartDate) as 'TotalDays',vehicle.VehicleID as VIN,vehicle.Description as 'Vehicle', CASE WHEN 0 row(s) affected 0.015 sec
144 20:02:45 SELECT * FROM vRentalInfo LIMIT 0, 1000 61 row(s) returned 0.000 sec / 0.000 sec

```

Task-2:

SS from GUI

1)

```
1 import React from 'react';
2 import { Nav, NavLin, useDis, Col, useEfi, useSta, moment } from 'react';
3 import { useDis, Col, useEfi, useSta, moment } from 'react';
4 import { useDis, Col, useEfi, useSta, moment } from 'react';
5 import { useDis, Col, useEfi, useSta, moment } from 'react';
6 import { useDis, Col, useEfi, useSta, moment } from 'react';
7 import { useDis, Col, useEfi, useSta, moment } from 'react';
8 import { useDis, Col, useEfi, useSta, moment } from 'react';
9 import { useDis, Col, useEfi, useSta, moment } from 'react';
10
11 function Return({ data }) {
12   const { Name, Phone } = data;
13   const init = {
14     Name: Name,
15     Phone: Phone,
16   };
17   useEfi(init);
18   useSta();
19   return (
20     <div>
21       <Nav>
22         <Row justify="space-between">
23           <div>
24             <div>
25               <div>
26                 <div>
27                   <div>
```

```
87 }
88 }
89 }
90 app.post("/signup", (request, response) => {
91   const Name = request.body.Name;
92   const Phone = request.body.Phone;
93   const ConfirmPhone = request.body.ConfirmPhone;
94   if (Phone === ConfirmPhone) {
95     const newPhone = '(' + Phone.substring(0, 3) + ') ' + Phone.substring(3, 6) + '-' + Phone.substring(6);
96     console.log(newPhone);
97     db.query(
98       "INSERT INTO customer(Name,Phone)VALUES( ?,? )",
99       [Name, newPhone],
100     )
101     .then(() => {
102       if (err) {
103         console.log(err);
104       } else {
105         response.send("Values Inserted");
106       }
107     })
108     .catch((err) => {
109       console.log(err);
110     });
111   } else {
112     response.send({ message: "Phone number not registered" });
113   }
114 });
```

Line 31:52: img elements must have an alt prop, either with meaning or for decorative images [jsx-a11y/alt-text](#)

src/pages/signupPage.jsx

Line 53:14: 'onfinish' is defined but never used

Line 71:21: img elements must have an alt prop, either with meaning or for decorative images [jsx-a11y/alt-text](#)

Backend execution for task 1 where we are adding a new customer via signup form using AXIOS to send a post request and execute the SQL query.

MySQL Workbench

car_rental x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

bproject_2
car_rental
currental
project_2

Tables

customer
Columns
CustID
Name
Phone
Indexes
Foreign Keys
Triggers
Images
rate
rental
Columns
Indexes
Foreign Keys
Triggers
vehicle
Views
rateview

SQL File 1* rate rate vrentalinfo vehicle rental rentalinformations rental - Table rental - Table project_2.rateview customer x

1 • SELECT * FROM customer;

Result Grid

CustID	Name	Phone
224	A. Moghee	(838) 610-5802
225	L. Mullen	(798) 331-7777
226	R. Armstrong	(325) 783-4081
227	J. Greenaway	(212) 262-8829
228	K. Kaiser Acosta	(228) 576-1557
229	D. Kirkpatrick	(773) 696-8009
230	A. Odonnell	(439) 536-8929
231	K. Kay	(368) 536-5403
472	Utkarsh Singh	(682) 300-7098
509	Aditya Chaudhari	(469) 345-9279

Information

Table: customer

Columns:
CustID int AI PK
Name varchar(50)
Phone varchar(14)

Output

Action Output

#	Time	Action	Message	Duration / Fetch
158	21:01:28	SELECT * FROM project_2.customer LIMIT 0, 1000	32 row(s) returned	0.015 sec / 0.000 sec
159	21:03:13	SELECT * FROM customer LIMIT 0, 1000	33 row(s) returned	0.000 sec / 0.000 sec
160	21:03:44	SELECT * FROM customer DELETE FROM customer WHERE CustID=507	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL ...	0.000 sec
161	21:04:06	SELECT * FROM customer LIMIT 0, 1000	33 row(s) returned	0.000 sec / 0.000 sec
162	21:04:06	DELETE FROM customer WHERE CustID=507	1 row(s) affected	0.016 sec
163	21:04:17	SELECT * FROM customer LIMIT 0, 1000	32 row(s) returned	0.000 sec / 0.000 sec
164	21:07:19	SELECT * FROM customer LIMIT 0, 1000	33 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

localhost:3000/signup

msi

Login

Enter your Name

Aditya Chaudhari

Enter your phone number

4693459279

Re-enter your phone number


4693459279

Register

Click Here to Login

Front end GUI for sign up.

2) Front end gui for adding new car

 Carzz 3330

Return ✔ Your car booked successfully Utkarsh Singh

Add New Car

VehicleID

19VDE1F3XEE414852

Description

BMW X5

Year

2021

Type

4

Category

1

ADD CAR

```
app.post("/vehicles", (request, response) => {
  db.query(`INSERT INTO Vehicle VALUES (${request.body.VehicleID}', ${request.body.Description}', ${request.body.Year}, ${request.body.Type}, ${request.body.Category})`, (err, res) => {
    if (err) {
      console.log(err);
    }
    else {
      response.send(res);
    }
  });
});
```

MySQL Workbench

car_rental

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- bproject_2
- car_rental
- carrental
- project_2
 - Tables
 - customer
 - images
 - rate
 - rental
 - rentalinformation
 - vehicle
 - Views
 - Stored Procedures
 - Functions
 - sys

Administration Schemas

Information

Schema: project_2

SQL File 1 vehicle

Limit to 1000 rows

1 * SELECT * FROM project_2.vehicle;

Result Grid

VehicleID	Description	Year	Type	Category
19VDE1F3XEE414842	Acura ILX	2014	1	0
19VDE1F3XEE414845	VolvoV40	2020	2	1
19VDE1F3XEE414852	BMW X5	2021	4	1
1FDRF3B61FEA87469	Ford E 350	2014	6	0
1FDRF3B61FEA87469	Ford Super Duty Pickup	2015	5	0
1FTNF1CF2HE54305	Ford F Series Pickup	2014	5	0
1G1J05583E4240835	Chevrolet Optra	2014	1	0
1G63K2G1EP117132	Chevrolet Silverado	2014	5	0
1HGCR3E3XEA305302	Honda Accord	2014	2	1
1N4AB7AP2EH855026	Nissan Sentra	2014	1	0
1N6BADE39EN516565	Nissan Titan	2014	5	0
1N68F0KM0EH101134	Nissan NV	2014	6	0
1VWCH7A3XEC037969	Volkswagen Passat	2014	2	1
2HGFB2F94FH501940	Honda Civic	2015	1	0
2T3DFREV0FV317743	Toyota RAV4	2015	4	0
3MZBM1L7HEM109736	Mazda 3	2014	1	0
3N1CE2CP0FL409472	Nissan Versa Note	2015	1	0

vehicle 1 x

Output

executing post request through axios to run sql query to add a new car

3) Front end gui for booking the car

localhost

localhost:3000/rent/JM3KE4DY4F0441471

Carzz 3330

Return a Car

Utkarsh Singh

Car Info

Mazda CX5 2015

Basic SUV

Weekly Rental Rate: \$685

Select Time Slots

Apr 04 2020 22:17 — Apr 20 2020 22:17 1

Total Days: 16

TotalAmount: \$ 10960

Pay Now

See Booked Slots

Book Now


```

28 app.post("/rental", (request, response) => {
29
30     const CustID = request.body.CustID;
31     const VehicleID = request.body.VehicleID;
32     const StartDate = request.body.StartDate;
33     const OrderDate = request.body.OrderDate;
34     const RentalType = request.body.RentalType;
35     const Qty = request.body.Qty;
36     const ReturnDate = request.body.ReturnDate;
37     const TotalAmount = request.body.TotalAmount;
38     const PaymentDate = request.body.PaymentDate;
39     const returned = request.body.returned;
40     console.log(VehicleID, StartDate, OrderDate, RentalType, ReturnDate, TotalAmount);
41     db.query(
42         "INSERT INTO rental VALUES(?, ?, ?, ?, ?, ?, ?, ?, ?)",
43         [CustID, VehicleID, StartDate, OrderDate, RentalType, Qty, ReturnDate, TotalAmount, PaymentDate],
44         (err, result) => {
45             if (err) {
46                 console.log(err);
47             } else {
48                 response.send(result);
49             }
50         }
51     );
52 }
53 });

```

You, 4 days ago • added the booking functionality and linked it in ...

MySQL Workbench

car_rental x

File Edit View Query Database Server Tools Scripting Help

Navigator

SQL File 1 vehicle x

Limit to 1000 rows

1 * SELECT * FROM project_2.rental;

Result Grid

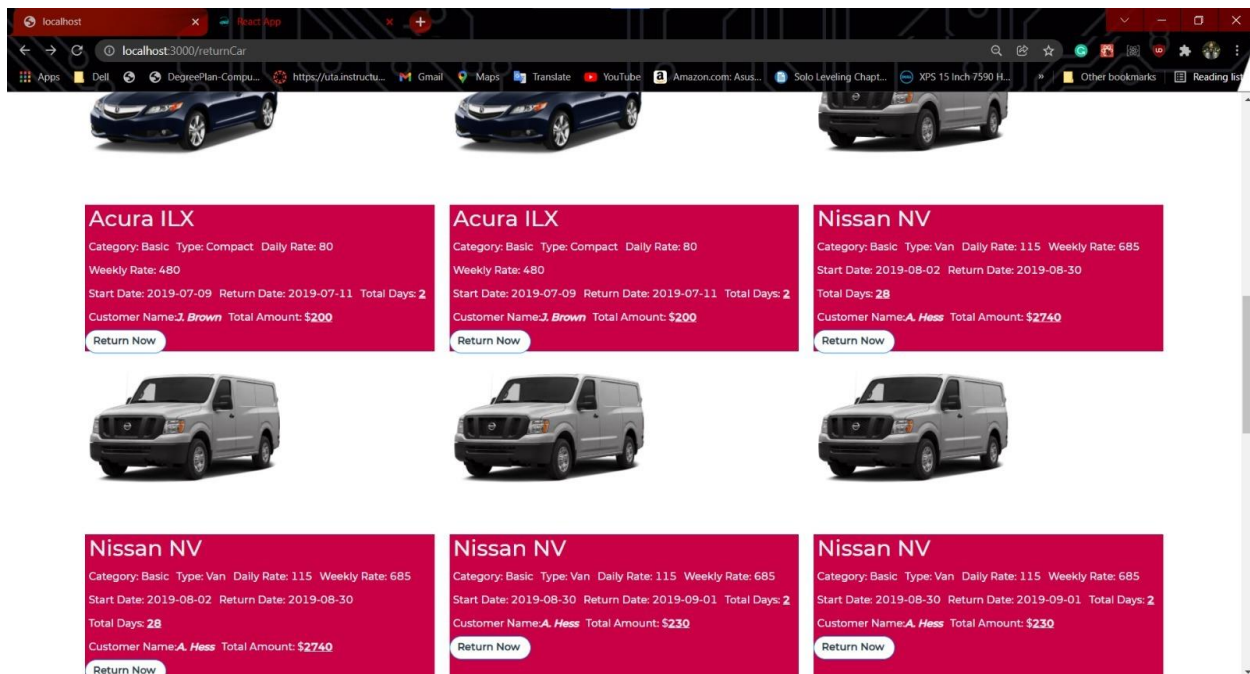
CustID	VehicleID	StartDate	OrderDate	RentalType	Qty	ReturnDate	TotalAmount	PaymentDate	returned
472	1FDRF3661FEA87469	2021-12-08	2021-12-01	7	1	2021-12-22	10920	NULL	0
472	1FDRF3661FEA87469	2021-12-08	2021-12-01	7	1	2021-12-22	10920	NULL	0
472	1FDRF3661FEA87469	2021-12-08	2021-12-01	7	1	2021-12-22	10920	NULL	0
472	1FDRF3661FEA87469	2021-12-09	2021-12-01	7	1	2021-12-22	10140	NULL	0
472	1FDRF3661FEA87469	2021-12-01	2021-12-01	7	1	2021-12-08	5460	NULL	0
472	19UDE1F3NEE414842	2021-12-01	2021-12-01	7	1	2021-12-08	4200	NULL	0
472	2HGFB3F94FH501940	2021-12-01	2021-12-02	7	1	2021-12-15	6720	NULL	0
472	1FTNF1CF3KE54305	2021-12-29	2021-12-02	1	1	2021-12-31	260	NULL	0
472	19UDE1F3NEE414842	2021-12-27	2021-12-02	1	1	2021-12-27	0	NULL	0
472	1FDRF3661FEA87469	2021-12-23	2021-12-02	7	1	2021-12-30	5460	NULL	0
472	1FDRF3661FEA87469	2021-12-23	2021-12-02	7	1	2021-12-30	5460	NULL	0
472	19UDE1F3NEE414842	2021-12-15	2021-12-02	1	1	2021-12-16	1542	2021-12-02	1
472	19UDE1F3NEE414842	2021-12-02	2021-12-02	7	2	2021-12-16	7800	2021-12-02	1
472	1FDRF3661FEA87469	2021-07-06	2021-12-02	7	1	2021-07-30	18720	NULL	0
472	1FDEE3FL6EDA29122	2021-12-10	2021-12-03	7	2	2021-12-24	9590	NULL	0
472	5N1AL0MM8EL549388	2021-12-09	2021-12-03	7	2	2021-12-23	11200	2021-12-03	1
472	1M3KE4DY4F0441471	2020-04-04	2021-12-03	7	1	2020-04-20	10960	2021-12-03	0

Schema: project_2

Object Info Session

Output

4) Frontend gui for returning the car part-1 (Retrieving all the cars that needs to be returned)

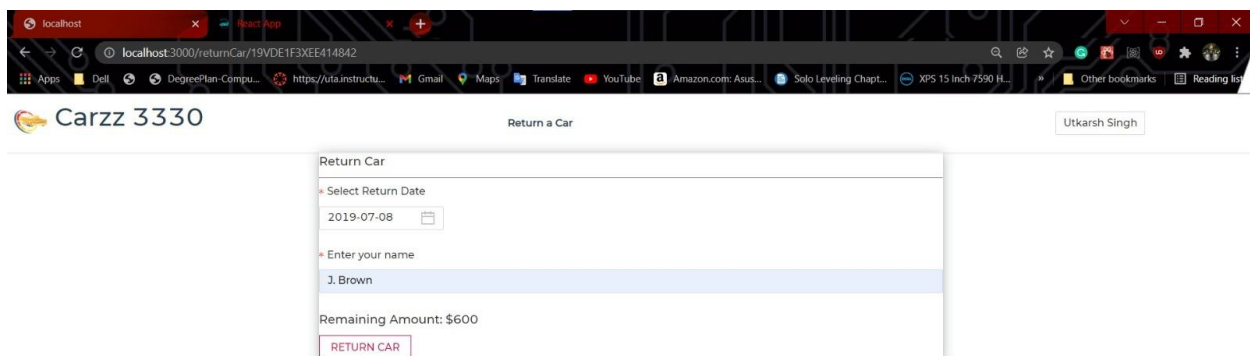


```

211 app.get("/returnCarView", (request, response) => {
212     db.query("SELECT * FROM rentalinformation WHERE RemainingBalance <> 0", (err, res) => {
213         if (err) {
214             console.log(err);
215         }
216         else {
217             response.send(res);
218         }
219     });
220 });

```

Part-2(Returning the selected car when return now button is pressed.)



```

app.post("/returnCar", (request, response) => {
  db.query('UPDATE RENTAL SET PaymentDate='${request.body.PaymentDate}', returned=1 WHERE VehicleID='${request.body.VehicleID}' AND ReturnDate='${request.body.ReturnDate}'' , (err, res) => {
    if (err) {
      console.log(err);
    }
    else {
      response.send(res);
    }
  })
})

```

You, seconds ago • Uncommitted changes

472	19VDE1F3XEE414842	2021-12-02	2021-12-02	7	2	2021-12-16	7800	2021-12-02	1
-----	-------------------	------------	------------	---	---	------------	------	------------	---

5) a) Front end gui for every customer ids remaining balance returning every balance.

Carzz 3330

Return a Car

Utkarsh Singh

Customer Log

Enter the input text

No Filter

Name: A. Hernandez	CustID:203	Balance: \$0
Name: A. Hess	CustID:216	Balance: \$0
Name: D. Kirkpatrick	CustID:229	Balance: \$0
Name: G. Clarkson	CustID:210	Balance: \$1200
Name: G. Clarkson	CustID:210	Balance: \$0
Name: H. Gallegos	CustID:212	Balance: \$0
Name: J. Brown	CustID:221	Balance: \$0
Name: J. Brown	CustID:221	Balance: \$2400
Name: Utkarsh Singh	CustID:472	Balance: \$4795
Name: Utkarsh Singh	CustID:472	Balance: \$4200
Name: Utkarsh Singh	CustID:472	Balance: \$3084
Name: Utkarsh Singh	CustID:472	Balance: \$1542
Name: Utkarsh Singh	CustID:472	Balance: \$6600
Name: Utkarsh Singh	CustID:472	Balance: \$4620
Name: Utkarsh Singh	CustID:472	Balance: \$130
Name: Utkarsh Singh	CustID:472	Balance: \$10920
Name: Utkarsh Singh	CustID:472	Balance: \$10140
Name: Utkarsh Singh	CustID:472	Balance: \$5460
Name: Utkarsh Singh	CustID:472	Balance: \$6720
Name: Utkarsh Singh	CustID:472	Balance: \$260
Name: Utkarsh Singh	CustID:472	Balance: \$0

Customer Log

472

Customer ID

Name: Utkarsh Singh	CustID:472	Balance: \$4795
Name: Utkarsh Singh	CustID:472	Balance: \$4200
Name: Utkarsh Singh	CustID:472	Balance: \$3084
Name: Utkarsh Singh	CustID:472	Balance: \$1542
Name: Utkarsh Singh	CustID:472	Balance: \$6600
Name: Utkarsh Singh	CustID:472	Balance: \$4620
Name: Utkarsh Singh	CustID:472	Balance: \$130
Name: Utkarsh Singh	CustID:472	Balance: \$10920
Name: Utkarsh Singh	CustID:472	Balance: \$10140
Name: Utkarsh Singh	CustID:472	Balance: \$5460
Name: Utkarsh Singh	CustID:472	Balance: \$6720
Name: Utkarsh Singh	CustID:472	Balance: \$260
Name: Utkarsh Singh	CustID:472	Balance: \$0
Name: Utkarsh Singh	CustID:472	Balance: \$18720
Name: Utkarsh Singh	CustID:472	Balance: \$9590
Name: Utkarsh Singh	CustID:472	Balance: \$10960

Customer Log

10960

Due Balance

Name: Utkarsh Singh	CustID:472	Balance: \$10960
---------------------	------------	------------------

```

249 ✓ app.post("/filterCustomerSearchID",(request,response)=>{
250   db.query("SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer WHERE CustID=${request.body.CustID} ORDER BY Name ASC",(error,res)=>{
251     if(error){
252       console.log(error);
253     }
254     else{
255       response.send(res);
256     }
257   });
258 });
259 });
260 ✓ app.post("/customerSearch",(request,response)=>{
261   const query=
262   db.query("SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer ORDER BY Name ASC",(error,res)=>{
263     if(error){
264       console.log(error);
265     }
266     else{
267       console.log(res)
268       response.send(res);
269     }
270   });
271 });
272 ✓ app.post("/nameSearch",(request,response)=>{
273   const Name=request.body.Name;
274   const query="SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer WHERE Name LIKE '%${Name}%'ORDER BY Name ASC;"
275   db.query(query,(error,res)=>{
276     if(error){
277       console.log(error);
278     }
279     else{
280       response.send(res);
281     }
282   });
283 });
284

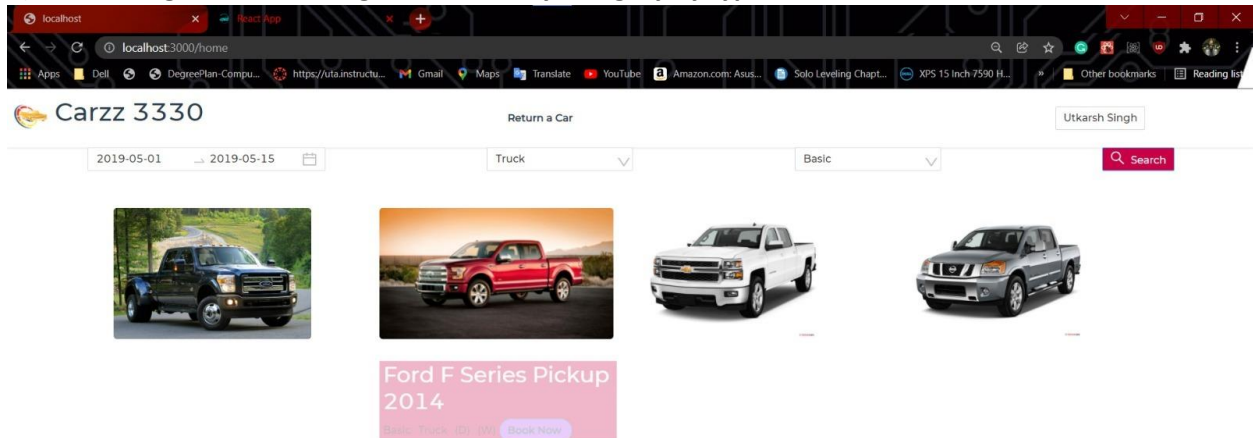
```

```

249 app.post("/filterCustomerSearchID",(request,response)=>{
250   db.query("SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer WHERE CustID=${request.body.CustID} ORDER BY Name ASC",(error,res)=>{
251     if(error){
252       console.log(error);
253     }
254     else{
255       response.send(res);
256     }
257   });
258 });
259 });
260 app.post("/customerSearch",(request,response)=>{
261   const query=
262   db.query("SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer ORDER BY Name ASC",(error,res)=>{
263     if(error){
264       console.log(error);
265     }
266     else{
267       console.log(res)
268       response.send(res);
269     }
270   });
271 });
272 app.post("/balanceSearch",(request,response)=>{
273   const Balance=request.body.Balance;
274   const query="SELECT  CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer WHERE TotalAmount=${Balance} ORDER BY Name ASC;"
275   db.query(query,(error,res)=>{
276     if(error){
277       console.log(error);
278     }
279     else{
280       response.send(res);
281     }
282   });
283 });
284 app.post("/nameSearch",(request,response)=>{
285   const Name=request.body.Name;
286   const query="SELECT distinct CustID,Name,CASE WHEN returned=0 THEN TotalAmount ELSE 0 END as 'Balance' FROM rental NATURAL JOIN customer WHERE Name LIKE '%${Name}%'ORDER BY Name ASC;"
287   db.query(query,(error,res)=>{
288     if(error){
289       console.log(error);
290     }
291     else{
292       response.send(res);
293     }
294   });
295 });
296

```

b) Front End gui for searching the vehicle by category by type start date and return date. We have also



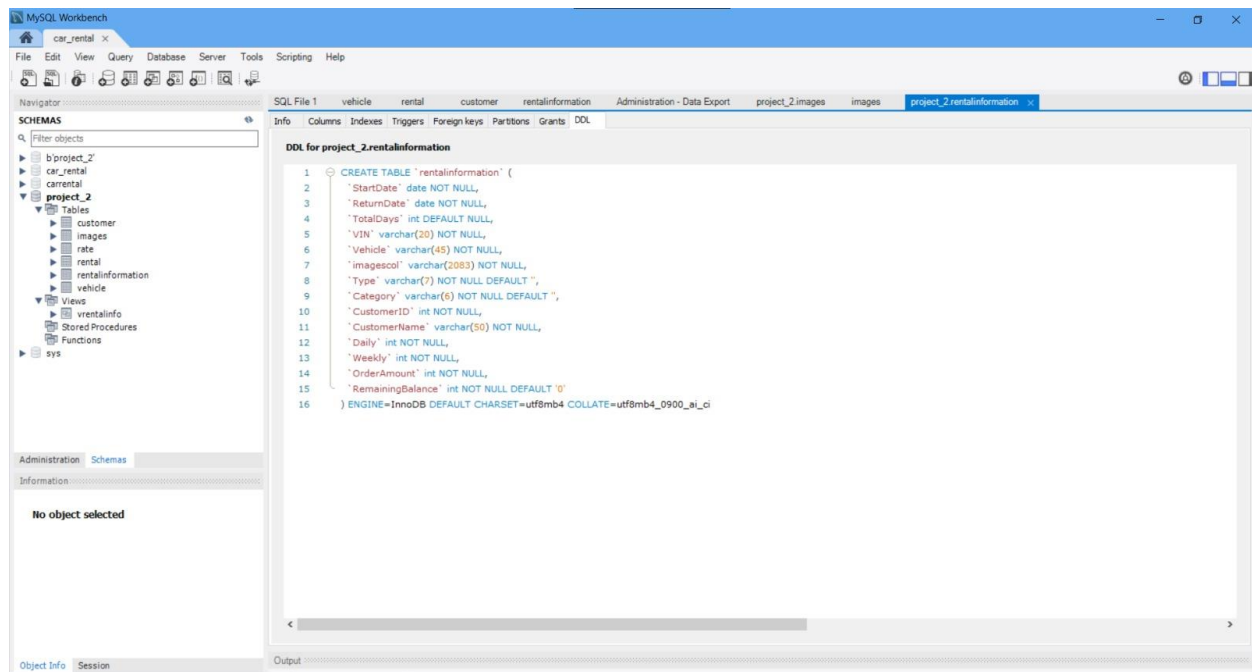
Changes in Original Database

Created an extra table images as follows:-

```
CREATE TABLE `images` (  
  `VehicleID` varchar(20) NOT NULL,  
  `imagescol` varchar(2083) NOT NULL,  
  KEY `VehicleID_idx` (`VehicleID`),  
  CONSTRAINT `VehicleIDS` FOREIGN KEY (`VehicleID`) REFERENCES `vehicle` (`VehicleID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

- Imported the data using import data wizard and took images from internet
- Have a foreign key relationship with VehicleID of Vehicle Table

Created the table rentalinformation as follows:-



This table is similar to view vRentalinfo but has natural join with rate table and images table to get the daily price information and images while getting the view in return a car webpage.

Contributions:

Task 1:- Aditya Chaudhari

Task2:-

Login and Sign up(Frontend and Backend) : Aditya Chaudhari

Dashboard (Frontend)-Aditya Chaudhari

Dashboard (Backend)- Utkarsh Singh

Vehicle Search (frontend and backend)- Utkarsh Singh

Vehicle Availability (frontend and backend)- Utkarsh Singh

Car Booking (frontend and backend)- Utkarsh Singh

Admin Home(Frontend)-Aditya Chaudhari

Admin Home(Backend)- Utkarsh Singh

Customer Log (Frontend and Backend)- Aditya Chaudhari

Customer Log (Frontend and Backend)- Aditya Chaudhari

Customer Search – Utkarsh Singh

Add Car (Frontend and Backend)- Aditya Chaudhari

Vehicle Return Page (Frontend and Backend)- Utkarsh Singh

Return Car Form (Frontend and Backend)- Aditya Chaudhari