Faculty of Computers and Artificial intelligence-
Cairo University (credit hours system)

Final Assessment Project

Course Title: Introduction to Database Systems (SIS211)

Project ID: PM-457

Semester: Second semester

Date: May 2020

Instructors: Dr. Noha Nagy and Dr. Amani Hassan

Transportation system

Presented by		
ID	**Name**	**Group**
20186031	Nada Mohamed	3
20186007	Ayat Hany	
20186008	Sarah Khaled	
20186043	Mark Rofaeel	

Contents

Chapter 1: Introduction

The term “transportation system” is used to refer to the equipment and logistics of transporting passengers and goods. It covers movement by all forms of transport, from **cars**, **bikes**, **scooters** and **buses** to **boats**, **aircraft** and even **space travel**.
The purpose of a transportation system is to coordinate the movement of people, goods, and vehicles to utilize routes most efficiently. When implemented, transportation systems seek to reduce transport costs and improve delivery times through effective timetabling and route management. Periodic re-evaluations and the development of alternative routes allow for timely changes to the transportation system to maintain efficiency.

3.1 Description of the project idea:

The idea behind our project is to let users book a vehicle to complete a ride they want to make and to let the drivers make a way of living out of it too. Users can sign up into our system and create an account by entering their personal data which they can update later. The driver should enter his full details into the system. As well as the vehicle, vehicle’s type and its data must be known to the system. There are several functionalities that this system can do such as ride rating which is given to the driver by the users, ride history and different methods for payment as cash/visa/master card. Users can enter promo codes to get discounts on their rides.

3.2 Technology and tools used:

- ERD PLUS online software.
- SQL Server 2014 Management Studio.
- Microsoft Office Word.

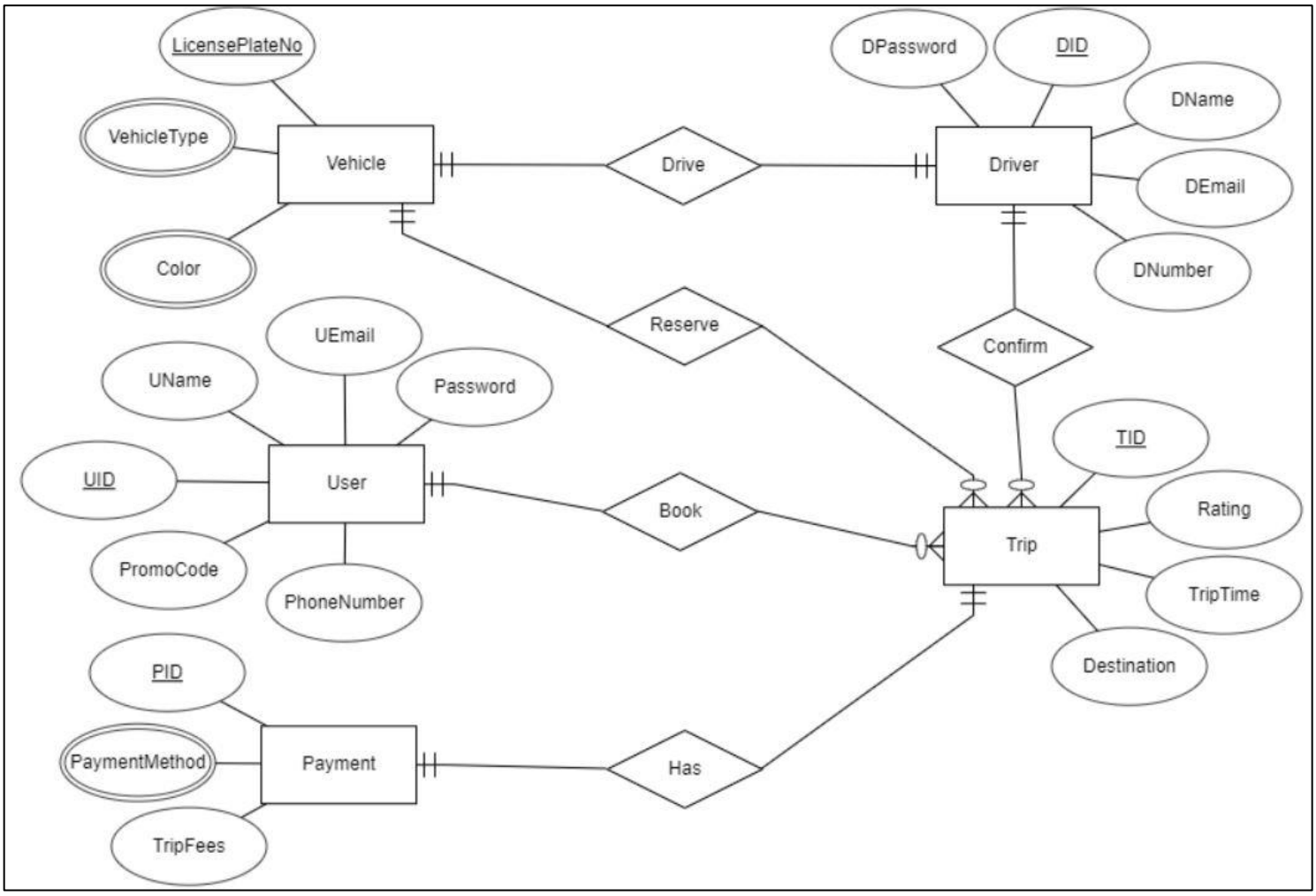
Chapter 2: Analysis

2.1 Schema:

Entity types	Strong or week	Attributes
User	Strong	UID, UName, UEmail, PhoneNumber, PromoCode, Password
Driver	Strong	DID, DName, DEmail, DNumber, DPassword
Trip	Strong	TID, Rating, TripTime, Destination
Vehicle	Strong	LicensePlateNo, VehicleType, Color
Payment	Strong	PID, PaymentMethod, TripFees

Relationship type	Between	Cardinality	Participants
Book	User-Trip	M:1	Optional-Mandatory
Has	Trip-Payment	1:1	Mandatory-Mandatory
Drive	Driver-Vehicle	1:1	Mandatory-Mandatory
Confirm	Driver-Trip	M:1	Optional-Mandatory
Reserve	Vehicle-Trip	M:1	Optional-Mandatory

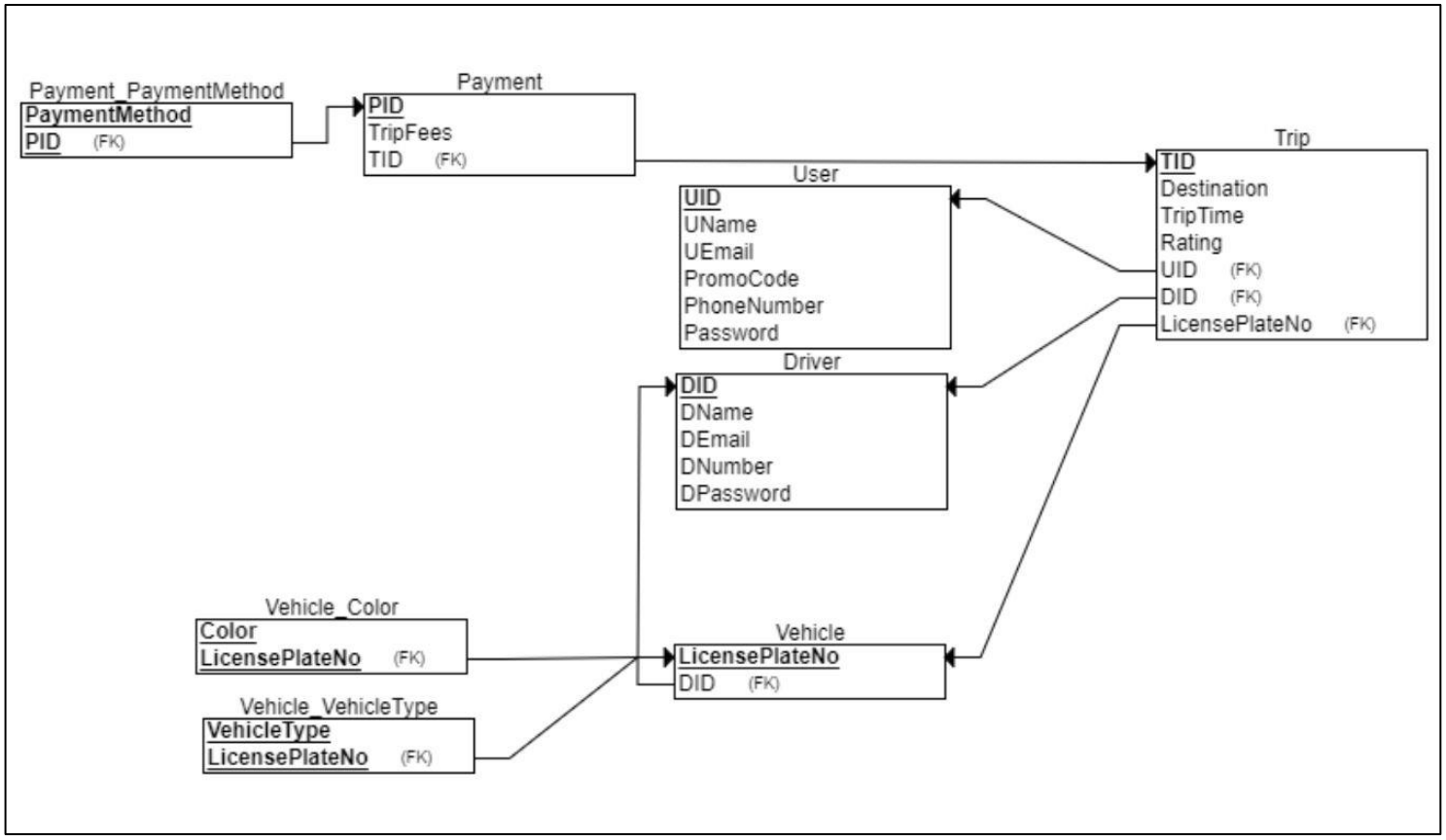
2.2 Conceptual Model (ERD):



- In the above ERD, the Driver has **DPassword** which is the driver's password to his account, **DID** is the driver's ID, **DName** is the driver's name, **DEmail** is the driver's email and **DNumber** is the driver's number.
- The Vehicle has **LicensePlateNo** which is the number of the driver's license plate, **VehicleType** is the driver's vehicle type and it is a multi-value attribute which may be bus/car/scooter and **Color** which is the driver's vehicle color and it is a multi-value attribute which may be black/white/brown/red/green/blue/yellow/green.
- The User has **Password** which is the user's password to his account, **UID** is the user's ID, **UName** is the user's name, **DEmail** is the user's email, **DNumber** is the user's number and **PromoCode** that may be given to user.
- The Payment has **PID** which is the payment's ID, **PaymentMethod** is the way the user pay for a trip and it is a multi-value attribute which may be Cash/Visa/Mastercard and **TripFees** is the cost of a trip.
- The Trip has **TID** which is the trip's ID, **Rating** is given to the driver by the users ridden with him, **TripTime** is the trip's duration and **Destination** is the place the user wants to go.

- The confirm relationship is between the **driver** and the **trip**. For **one** trip, **one mandatory** driver can confirm it. For **one** driver, **many optional** trips can be confirmed.
- The reserve relationship is between the **vehicle** and the **trip**. For **one** trip, **one mandatory** vehicle can confirm it. For **one** vehicle, **many optional** trips can be reserved.
- The book relationship is between the **user** and the **trip**. For **one** trip, **one mandatory** user can book it. For **one** user, **many optional** trips can be booked.
- The has relationship is between **trip** and **payment**. For **one mandatory** trip, **one mandatory** payment has it and vice versa.
- The drive relationship is between **driver** and **vehicle**. For **one mandatory** driver, **one mandatory** vehicle can drive it and vice versa.

2.3 Physical model:



- In the above physical model, the Driver has **DPassword** which is the driver's password to his account, **DID** *(primary key)* is the driver's ID, **DName** is the driver's name, **DEmail** is the driver's email and **DNumber** is the driver's number.
- The Vehicle has **LicensePlateNo** *(primary key)* which is the number of the driver's license plate and **DID** *(foreign key)* is the driver's ID.
- The Vehicle_Color has **Color** *(primary key)* which is the driver's vehicle color and **LicensePlateNo** *(foreign key)* which is the number of the driver's license plate.
- The Vehicle_VehicleType has **VehicleType** *(primary key)* which is the driver's vehicle type and **LicensePlateNo** *(foreign key)* is the number of the driver's license plate.
- The User has **Password** which is the user's password to his account, **UID** is the user's ID, **UName** is the user's name, **DEmail** is the user's email, **DNumber** is the user's number and **PromoCode** which is the promocode that may be given to user.
- The Payment has **PID** *(primary key)* which is the payment's ID, **TripFees** is the cost of the trip and **TID** is the trip's ID*(foreign key)*.
- The Payment_PaymentMethod has **PaymentMethod** *(primary key)* is the way the user pay for a trip and **PID** is the payment's ID*(foreign key)*
- The Trip has **TID** *(primary key)* which is the trip's ID, **Rating** is given to the driver by the users ridden with him, **TripTime** is the trip's duration, **Destination** is the place the user wants to go and **UID** *(foreign key)* is the user's ID, **DID** *(foreign key)* is the driver's ID, **LicensePlateNo** *(foreign key)* is the number of the driver's license plate.

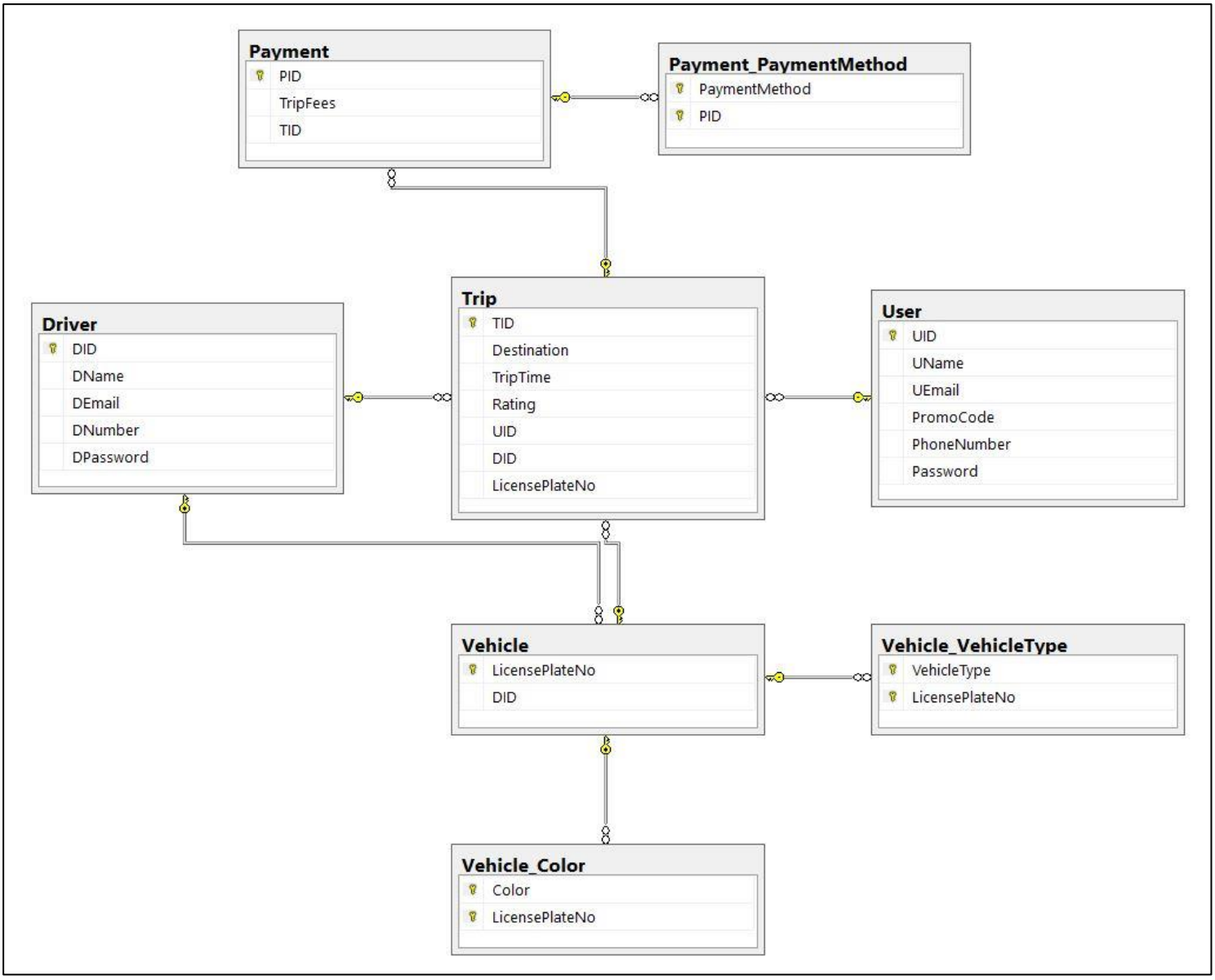
2.4 DDL:

```
CREATE DATABASE TransportationSystem
CREATE TABLE [User]
(
  UID INT NOT NULL,
  UName VARCHAR(20) NOT NULL,
  UEmail VARCHAR(20) NOT NULL,
  PromoCode VARCHAR(5),
  PhoneNumber NUMERIC(11) NOT NULL,
  Password VARCHAR(50) NOT NULL,
  PRIMARY KEY (UID)
);

CREATE TABLE Driver
(
  DID INT NOT NULL,
  DName VARCHAR(20) NOT NULL,
  DEmail VARCHAR(20) NOT NULL,
  DNumber NUMERIC(11) NOT NULL,
  DPassword VARCHAR(50) NOT NULL,
  PRIMARY KEY (DID)
);

CREATE TABLE Vehicle
(
  LicensePlateNo VARCHAR(6) NOT NULL,
  DID INT NOT NULL,
  PRIMARY KEY (LicensePlateNo),
  FOREIGN KEY (DID) REFERENCES Driver(DID)
);

CREATE TABLE Vehicle_VehicleType
(
  VehicleType VARCHAR(20) NOT NULL,
  LicensePlateNo VARCHAR(6) NOT NULL,
  PRIMARY KEY (VehicleType, LicensePlateNo),
  FOREIGN KEY (LicensePlateNo) REFERENCES Vehicle(LicensePlateNo)
);

CREATE TABLE Vehicle_Color
(
  Color VARCHAR(10) NOT NULL,
  LicensePlateNo VARCHAR(6) NOT NULL,
  PRIMARY KEY (Color, LicensePlateNo),
  FOREIGN KEY (LicensePlateNo) REFERENCES Vehicle(LicensePlateNo)
);
```

```sql
CREATE TABLE Trip
(
  TID INT NOT NULL,
  Destination VARCHAR(50) NOT NULL,
  TripTime DATE NOT NULL,
  Rating FLOAT NOT NULL,
  UID INT NOT NULL,
  DID INT NOT NULL,
  LicensePlateNo VARCHAR(6) NOT NULL,
  PRIMARY KEY (TID),
  FOREIGN KEY (UID) REFERENCES [User](UID),
  FOREIGN KEY (DID) REFERENCES Driver(DID),
  FOREIGN KEY (LicensePlateNo) REFERENCES Vehicle(LicensePlateNo)
);

CREATE TABLE Payment
(
  PID INT NOT NULL,
  TripFees FLOAT NOT NULL,
  TID INT NOT NULL,
  PRIMARY KEY (PID),
  FOREIGN KEY (TID) REFERENCES Trip(TID)
);

CREATE TABLE Payment_PaymentMethod
(
  PaymentMethod VARCHAR(20) NOT NULL,
  PID INT NOT NULL,
  PRIMARY KEY (PaymentMethod, PID),
  FOREIGN KEY (PID) REFERENCES Payment(PID)
);

insert into [User] values (1, 'Ahmed Sayed', 'ahmed@gmail.com', NULL,
01234567891,'XN856982')
insert into [User] values (2, 'Mohamed Saied', 'mohamed@gmail.com', 'PXY96',
01298765432,'AUF535895')
insert into [User] values (3, 'Marwa Mohamed', 'marwa@gmail.com', NULL,
01106987515,'HFS954235')
insert into [User] values (4, 'Samia Sleim', 'samia@gmail.com', 'ABR85',
01086589421,'NJN954321')
insert into [User] values (5, 'Sarah Khaled', 'sarah@gmail.com', NULL,
01264198752,'YFS964826')

insert into Driver values (1, 'Karim Mohamed', 'karim@gmail.com',
01264831972,'ASA965423')
insert into Driver values (2, 'Ali Ahmed', 'ali@gmail.com', 01548259040,'EFC364985')
insert into Driver values (3, 'Osama Mohmoud', 'osama@gmail.com',
01064851221,'OOG648523')
insert into Driver values (4, 'Abdallah Morsi', 'abdallah@gmail.com',
01223659804,'FAA963275')
insert into Driver values (5, 'Zedan Ahmed', 'zedan@gmail.com', 01005660193,'DKT086242')
```

```
insert into Trip values (001, 'Nasr City', '2020-04-10', 4.5, 1, 2, '123AD')
insert into Trip values (002, '6 of October', '2020-05-10', 4.6, 2, 1, '364FV')
insert into Trip values (003, '6 of October', '2020-04-20', 4.1, 3, 5, '942CG')
insert into Trip values (004, '6 of October', '2020-03-15', 3.2, 4, 3, '376MH')
insert into Trip values (005, 'Maadi', '2020-01-20', 4.8, 5, 4, '582GW')
insert into Trip values (006, 'Nasr City', '2020-02-10', 4.9, 3, 2, '123AD')
insert into Trip values (007, 'AL-Mukattam', '2020-04-30', 4.5, 1, 2, '123AD')
insert into Trip values (008, '6 of October', '2020-04-20', 4.0, 5, 4, '123AD')

insert into Vehicle values ('942CG', 5)
insert into Vehicle values ('376MH', 3)
insert into Vehicle values ('364FV', 2)
insert into Vehicle values ('123AD', 4)
insert into Vehicle values ('582GW', 1)


insert into Vehicle_VehicleType values ('Car','582GW')
insert into Vehicle_VehicleType values ('Scooter','942CG')
insert into Vehicle_VehicleType values ('Bus','123AD')
insert into Vehicle_VehicleType values ('Car','364FV')
insert into Vehicle_VehicleType values ('Car','376MH')

insert into Vehicle_Color values ('Black','582GW')
insert into Vehicle_Color values ('Green','942CG')
insert into Vehicle_Color values ('Yellow','123AD')
insert into Vehicle_Color values ('White','364FV')
insert into Vehicle_Color values ('Red','376MH')

insert into Payment values (010, 35.5, 002)
insert into Payment values (020, 50, 001)
insert into Payment values (030, 10, 005)
insert into Payment values (040, 25, 004)
insert into Payment values (050, 35.5, 003)

insert into Payment_PaymentMethod values ('Visa', 020)
insert into Payment_PaymentMethod values ('Master Card', 050)
insert into Payment_PaymentMethod values ('Cash', 030)
insert into Payment_PaymentMethod values ('Cash', 010)
insert into Payment_PaymentMethod values ('Visa', 040)
```

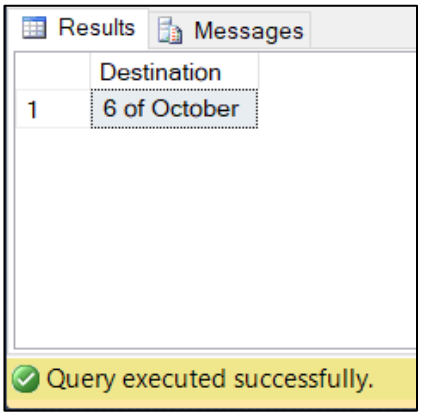
2.5 Physical model from SQL server:



Chapter 3: SQL Queries + screenshots of the results

(a.1) What was the area that had the most ride requests last month?

```
--(a.1) What was the area that had the most ride requests last month?
select distinct Trip.Destination
from Trip
where MONTH(Trip.TripTime) = '4' and YEAR(Trip.TripTime) = '2020'
group by  Trip.Destination
having  count(Trip.Destination) in
(
	select max(x) as highest_total
	from
	(
		select Trip.Destination, count(Trip.Destination) as x
		from Trip
		where MONTH(Trip.TripTime) = '4' and YEAR(Trip.TripTime) = '2020'
		group by  Trip.Destination
	) as t
)
```

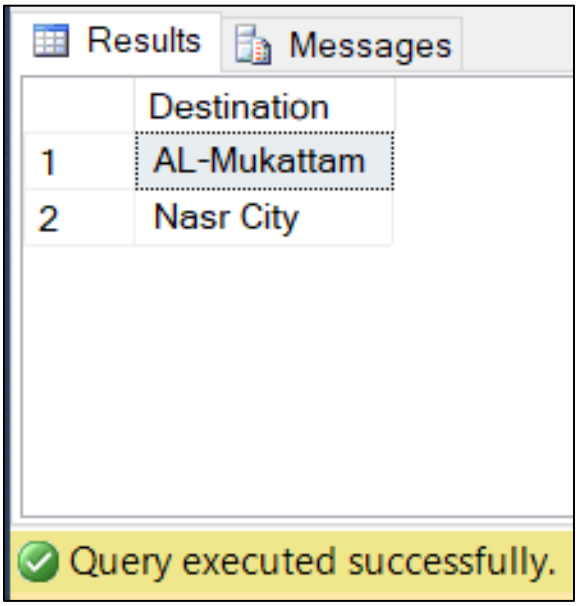


Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

(a.2) What was the area that had the least ride requests last month?

```
--(a.2) What was the area that had the least ride requests last month?
select distinct Trip.Destination
from Trip
where MONTH(Trip.TripTime) = '4' and YEAR(Trip.TripTime) = '2020'
group by  Trip.Destination
having  count(Trip.Destination) in
(
	select min(x) as least_total
	from
	(
		select Trip.Destination, count(Trip.Destination) as x
		from Trip
		where MONTH(Trip.TripTime)  = '4' and YEAR(Trip.TripTime) = '2020'
		group by  Trip.Destination
	) as t
)
```



Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

(b) Who were the drivers with the maximum number of rides last month?

```
--(b) Who were the drivers with the maximum number of rides last month?
select DID,DName
from Driver
where DID =
(
	select distinct Trip.DID
    from Trip
	where MONTH(Trip.TripTime)  = '4' and YEAR(Trip.TripTime) = '2020'
	group by  Trip.DID
	having  count(Trip.DID) in
	(
		select max(x) as highest_total
		from
		(
			select Trip.DID, count(Trip.DID) as x
			from Trip
			where MONTH(Trip.TripTime)  = '4' and YEAR(Trip.TripTime) = '2020'
			group by  Trip.DID
		) as t
	)
)
```

Results | Messages

	DID	DName
1	2	Ali Ahmed

Query executed successfully.

Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

Driver table:

Results | Messages

	DID	DName	DEmail	DNumber	DPassword
1	1	Karim Mohamed	karim@gmail.com	1264831972	ASA965423
2	2	Ali Ahmed	ali@gmail.com	1548259040	EFC364985
3	3	Osama Mohmoud	osama@gmail.com	1064851221	OOG648523
4	4	Abdallah Morsi	abdallah@gmail.com	1223659804	FAA963275
5	5	Zedan Ahmed	zedan@gmail.com	1005660193	DKT086242

(c) For each driver, retrieve all his/her information and the number of rides he/she had.

```
--(c) For each driver, retrieve all his/her information and the number of rides he/she
had
select distinct  *
from Driver  inner join
(
       select distinct Trip.DID,count(Trip.DID) as NumberOfTrips
    from Trip
    group by Trip.DID
)as t
       on Driver.DID=t.DID
```

Results | Messages

	DID	DName	DEmail	DNumber	DID	NumberOfTrips
1	1	Karim Mohamed	karim@gmail.com	1264831972	1	1
2	2	Ali Ahmed	ali@gmail.com	1548259040	2	3
3	3	Osama Mohmoud	osama@gmail.com	1064851221	3	1
4	4	Abdallah Morsi	abdallah@gmail.com	1223659804	4	2
5	5	Zedan Ahmed	zedan@gmail.com	1005660193	5	1

Query executed successfully.

Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

Driver table:

Results | Messages

	DID	DName	DEmail	DNumber	DPassword
1	1	Karim Mohamed	karim@gmail.com	1264831972	ASA965423
2	2	Ali Ahmed	ali@gmail.com	1548259040	EFC364985
3	3	Osama Mohmoud	osama@gmail.com	1064851221	OOG648523
4	4	Abdallah Morsi	abdallah@gmail.com	1223659804	FAA963275
5	5	Zedan Ahmed	zedan@gmail.com	1005660193	DKT086242

(d) Which driver got at least 4.5 out of 5 on every user rating he/she got?

```
--(d) Which driver got at least 4.5 out of 5 on every user rating he/she got?
select Driver.DID,DName,Rating
from Driver,Trip
where Driver.DID=Trip.DID and Rating>=4.5
```

Results | Messages

	DID	DName	Rating
1	2	Ali Ahmed	4.5
2	1	Karim Mohamed	4.6
3	4	Abdallah Morsi	4.8
4	2	Ali Ahmed	4.9
5	2	Ali Ahmed	4.5

Query executed successfully.

Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

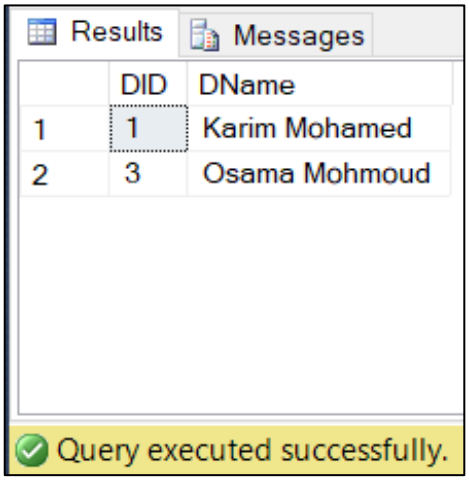
Driver table:

Results | Messages

	DID	DName	DEmail	DNumber	DPassword
1	1	Karim Mohamed	karim@gmail.com	1264831972	ASA965423
2	2	Ali Ahmed	ali@gmail.com	1548259040	EFC364985
3	3	Osama Mohmoud	osama@gmail.com	1064851221	OOG648523
4	4	Abdallah Morsi	abdallah@gmail.com	1223659804	FAA963275
5	5	Zedan Ahmed	zedan@gmail.com	1005660193	DKT086242

(e) Who were the drivers that didn't have any ride last month?

```
--(e) Who were the drivers that didn't have any ride last month?
select DID,DName
from Driver
where DID not in
(
       select Trip.DID
    from Trip
       where MONTH(Trip.TripTime) = '4' and YEAR(Trip.TripTime) = '2020'
    group by Trip.DID
)
```



Results | Messages

	DID	DName
1	1	Karim Mohamed
2	3	Osama Mohmoud

Query executed successfully.

Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

Driver table:

Results | Messages

	DID	DName	DEmail	DNumber	DPassword
1	1	Karim Mohamed	karim@gmail.com	1264831972	ASA965423
2	2	Ali Ahmed	ali@gmail.com	1548259040	EFC364985
3	3	Osama Mohmoud	osama@gmail.com	1064851221	OOG648523
4	4	Abdallah Morsi	abdallah@gmail.com	1223659804	FAA963275
5	5	Zedan Ahmed	zedan@gmail.com	1005660193	DKT086242

(f) What is the most type of vehicle (car, bus, and scooter) requested last month?

```
--(f) What is the most type of vehicle (car, bus, and scooter)
requested last month?
select VehicleType
from Vehicle_VehicleType
where Vehicle_VehicleType.LicensePlateNo =
(
       select distinct Trip.LicensePlateNo
    from Trip
       where MONTH(Trip.TripTime)  = '4' and YEAR(Trip.TripTime) =
'2020'
    group by Trip.LicensePlateNo
       having  count(Trip.LicensePlateNo) in
       (
              select max(x) as highest_total
              from
              (
                     select Trip.LicensePlateNo, count(Trip.LicensePlateNo) as x
                     from Trip
                     where MONTH(Trip.TripTime)  = '4' and YEAR(Trip.TripTime) = '2020'
                     group by Trip.LicensePlateNo
              ) as t
       )
)
```

Results | Messages

	VehicleType
1	Bus

Query executed successfully.

Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

Vehicle-VehicleType table:

	VehicleType	LicensePlateNo
1	Bus	123AD
2	Car	364FV
3	Car	376MH
4	Car	582GW
5	Scooter	942CG

3.1 All tables:

Driver table:

Results | Messages

	DID	DName	DEmail	DNumber	DPassword
1	1	Karim Mohamed	karim@gmail.com	1264831972	ASA965423
2	2	Ali Ahmed	ali@gmail.com	1548259040	EFC364985
3	3	Osama Mohmoud	osama@gmail.com	1064851221	OOG648523
4	4	Abdallah Morsi	abdallah@gmail.com	1223659804	FAA963275
5	5	Zedan Ahmed	zedan@gmail.com	1005660193	DKT086242

Payment:

	PID	TripFees	TID
1	10	35.5	2
2	20	50	1
3	30	10	5
4	40	25	4
5	50	35.5	3

Payment-PaymentMehod:

	PaymentMethod	PID
1	Cash	10
2	Cash	30
3	Master Card	50
4	Visa	20
5	Visa	40

Trip table:

	TID	Destination	TripTime	Rating	UID	DID	LicensePlateNo
1	1	Nasr City	2020-04-10	4.5	1	2	123AD
2	2	6 of October	2020-05-10	4.6	2	1	364FV
3	3	6 of October	2020-04-20	4.1	3	5	942CG
4	4	6 of October	2020-03-15	3.2	4	3	376MH
5	5	Maadi	2020-01-20	4.8	5	4	582GW
6	6	Nasr City	2020-02-10	4.9	3	2	123AD
7	7	AL-Mukattam	2020-04-30	4.5	1	2	123AD
8	8	6 of October	2020-04-20	4	5	4	123AD

User table:

	UID	UName	UEmail	PromoCode	PhoneNumber	Password
1	1	Ahmed Sayed	ahmed@gmail.com	NULL	1234567891	XN856982
2	2	Mohamed Saied	mohamed@gmail.com	PXY96	1298765432	AUF535895
3	3	Marwa Mohamed	marwa@gmail.com	NULL	1106987515	HFS954235
4	4	Samia Sleim	samia@gmail.com	ABR85	1086589421	NJN954321
5	5	Sarah Khaled	sarah@gmail.com	NULL	1264198752	YFS964826

Vehicle:

	LicensePlateNo	DID
1	123AD	4
2	364FV	2
3	376MH	3
4	582GW	1
5	942CG	5

Vehicle-color:

	Color	LicensePlateNo
1	Black	582GW
2	Green	942CG
3	Red	376MH
4	White	364FV
5	Yellow	123AD

Vehicle-VehicleType:

	VehicleType	LicensePlateNo
1	Bus	123AD
2	Car	364FV
3	Car	376MH
4	Car	582GW
5	Scooter	942CG