

**Group 20 Project**  
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**Lab 8 (Date: 15-10-2021)**  
**Bus Management System**

**SQL DML Code(Adding the data):**

```
SET SEARCH_PATH TO bus_database;
```

```
--select * from Route;
```

```
INSERT INTO  
Route(RouteID,Arrival_time,Departure_time,Distance,Scheduled_D  
ate,Source_name,Destination_name) VALUES
```

```
(1234561,'11:45:30','14:30:15',75.6,TO_DATE('14/10/2020','DD/  
MM/YYYY'),'Ajmer','Gandhinagar'),
```

```
(1234562,'12:35:10','14:10:25',95,TO_DATE('13/11/2020','DD/MM/  
YYYY'),'Surat','Pune'),
```

```
(1234552,'17:25:20','13:20:35',105,TO_DATE('15/10/2020','DD/  
MM/YYYY'),'Mumbai','Pune'),
```

```
(1234543,'16:15:10','12:10:35',205,TO_DATE('18/10/2020','DD/  
MM/YYYY'),'Mumbai','Surat'),
```

```
(1234532,'13:10:10','14:40:00',51,TO_DATE('20/10/2021','DD/MM/  
YYYY'),'Surat','Pune'),
```

```
(1234640,'8:20:00','14:30:20',210,TO_DATE('15/10/2021','DD/MM/  
YYYY'),'Mumbai','Pune'),
```

```
(1234721,'10:00:18','14:10:46',156,TO_DATE('14/10/2021','DD/  
MM/YYYY'),'Ajmer','Gandhinagar'),
```

```
(1234576,'12:30:19','18:50:55',250,TO_DATE('16/10/2021','DD/  
MM/YYYY'),'Ajmer','Bhilwara');
```

```
--select * from Bus;
```

```
INSERT INTO Bus(BusID,RouteID,Type_of_bus,Model, AC_or_not,  
Available_Number_of_seats, Total_number_of_seats,Bus_number)  
VALUES
```

```
(1534101,NULL,'sleeper','tata-marcopolo',1,50,50,'MH 24 AB  
4567'),
```

```
(1534102,1234561,'double-decker-open','mahindra-  
mini',2,19,20,'RJ 04 SB 4567'),
```

```
(1534103,1234562,'sleeper','tata-hybrid',1,29,30,'RJ 06 XS  
5567'),
```

```
(1534104,1234543,'double-decker','bolt-traveller',2,49,50,'MH  
04 WB 4597'),
```

```
(1534105,1234721,'semi-sleeper','force-traveller',1,38,40,'GJ  
05 JH 1531'),
```

```
(1534106,1234562,'sleeper','bharatbenz-lynx',1,50,50,'GJ 10 BB  
1234');
```

```
--select * from Parcels;
```

```
INSERT INTO Parcels(ParcelID, BusID, Product_Type, Weight)  
VALUES
```

```
(1433211,1534102,2,10),
```

```
(1433212,1534103,1,13),
```

```
(1433213,1534103,2,51),
```

```
(1433214,1534104,1,20),
```

```
(1433215,1534105,2,40);
```

```
--select * from Booking;
```

```
INSERT INTO Booking(BookingID,ParcelID,Status,Source_name,  
Destination,Date_of_booking>Total_amount,Number_of_tickets)  
VALUES
```

```
(2341341,NULL,'1','Ajmer','Gandhinagar',TO_DATE('13/10/2021','  
DD/MM/YYYY'),450,1),
```

```
(2341342,1433211,'1','Ajmer','Gandhinagar',TO_DATE('14/10/2021'  
, 'DD/MM/YYYY'),350,0),
```

```
(2341343,NULL,'1','Surat','Pune',TO_DATE('15/10/2021','DD/MM/  
YYYY'),300,1),
```

```
(2341344,1433212,'1','Surat','Pune',TO_DATE('16/10/2021','DD/  
MM/YYYY'),450,0),
```

```
(2341345,1433213,'1','Surat','Pune',TO_DATE('10/10/2021','DD/  
MM/YYYY'),550,0),
```

```
(2341346,NULL,'1','Bhilwara','Gandhinagar',TO_DATE('14/10/2021'  
, 'DD/MM/YYYY'),400,1),
```

```
(2341347,NULL,'1','Bhilwara','Gandhinagar',TO_DATE('14/10/2021'  
, 'DD/MM/YYYY'),500,1),
```

```
(2341348,1433214,'1','Mumbai','Surat',TO_DATE('17/10/2021','DD/  
MM/YYYY'),410,0),
```

```
(2341349,NULL,'1','Mumbai','Surat',TO_DATE('16/10/2021','DD/  
MM/YYYY'),450,1),
```

```
(2341350,1433215,'1','Bhilwara','Gandhinagar',TO_DATE('18/10/2  
021','DD/MM/YYYY'),400,0);
```

```
--select * from Seat;
```

```
INSERT INTO Seat(SeatID, BusID, Status, BookingID) VALUES
```

```
('A01',1534101,'0',NULL),
```

```
('A03',1534101,'0',NULL),
```

```
('A04',1534101,'0',NULL),
```

```
('A02',1534102,'1',2341341),
```

```
('A03',1534102,'0',NULL),
```

```
('A04',1534103,'1',2341343),
```

```
('A05',1534103,'0',NULL),
```

```
('A06',1534103,'0',NULL),
```

```
('A08',1534104,'1',2341349),
```

```
('A10',1534104,'0',NULL),
```

```
('A11',1534104,'0',NULL),
```

```
('A09',1534105,'1',2341346),
```

```
('A10',1534105,'1',2341347),
```

```
('A12',1534105,'0',NULL),
```

```
('A01',1534106,'0',NULL),
```

```
('A02',1534106,'0',NULL);
```

```
--select * from User_Login;
```

```
INSERT INTO
```

```
User_Login(UserID,Username>Password_user,Category,MobileNo,Email,DoorNum,Landmark,District,State_name,Pincode,FName,LName,AadharNo) VALUES
```

```
(1242121,'sam1231','zysq42',1,'9812312311','sam123@gmail.com',  
'7-3-4/1','Near  
highcourt','Mumbai','Maharashtra','513321','Sam','Johnson','23  
1217615612'),
```

```
(1242122,'devil1231','abcdef',1,'6812312321','dev123@gmail.com',  
'8-5-4/1','Near shrinath  
circle','Mumbai','Maharashtra','513321','Dev','Kapoor','831217  
615612'),
```

```
(1242123,'dj1231','divj123',1,'7912312311','dj123@gmail.com',  
'9-8-4/1','Near gulab  
baag','Mumbai','Maharashtra','513321','Mare','Jenner','7312176  
15612'),
```

```
(1242124,'md1231','mdc1231',1,'7215312311','md123@gmail.com',  
'9-2-4/1',NULL,'Mumbai','Maharashtra','513321','Kylie','Jackson',  
'231217315669'),
```

```
(1242125,'suku4125','dj163g',1,'8713232245','suku131@gmail.com',  
'6-1-1/4',NULL,'Gandhinagar','Gujarat','423212','Ankur','Rat  
hore','713246235981'),
```

```
(1342121,'mick323','6btnyw',2,'9813451146','mickarthur131@gmai  
l.com','5-5-2/4','Near ganapati  
temple','Pune','Maharashtra','473221','Michaela','Arthur','313  
242235881'),
```

```
(1342122,'jimmy424','7bhed',2,'7831491341','jimsmith141@yahoo.  
com','4-8-8/4A',NULL,'Surat','Gujarat','424245','Jimmy','Smith',  
'423764241313'),
```

```
(1342123,'jane613','623geg2',2,'712131742','janefoster231@gmai  
l.com','3-2-4/1B',NULL,'Bhilwara','Rajasthan','572322','Jane',  
'Foster','112371734424'),
```

```
(1342124,'oliver14','hyw313',2,'9932424221','oliverjones41@gma  
il.com','9-1-4/9A',NULL,'Gandhinagar','Gujarat','423212','Oliv  
er','Jones','423132425666'),
```

```
(1342125,'praks4125','praksha',2,'8913932245','praksha131@gmai  
l.com','6-1-1/4',NULL,'Rajkot','Gujarat','423246','Praksha','P  
rathur','763746235981');
```

```
--select * from Employee;
```

```
INSERT INTO
Employee(EmployeeID,UserID,BusID,Person_Role,Gender,DOB)
VALUES

(3167191,1242121,1534104,1,'M',TO_DATE('08/10/1995','DD/MM/YYYY')),

(3167192,1242122,1534105,1,'M',TO_DATE('06/09/1985','DD/MM/YYYY')),

(3167193,1242123,NULL,3,'F',TO_DATE('22/01/1999','DD/MM/YYYY')),

(3167194,1242124,1534102,2,'F',TO_DATE('09/07/2000','DD/MM/YYYY')),

(3167195,1242125,NULL,2,'M',TO_DATE('23/08/1992','DD/MM/YYYY'));
```

```
--select * from Station;
```

```
INSERT INTO Station(StationID,Station_name,
District,State_name) VALUES

(2152111,'Bandra station','Mumbai','Maharashtra'),

(2152112,'Ajmer station','Ajmer','Rajasthan'),

(2152113,'Surat station','Surat','Gujarat'),

(2152114,'Pune station','Pune','Maharashtra'),

(2152115,'Gandhinagar station','Gandhinagar','Gujarat'),

(2152116,'Bhilwara station','Bhilwara','Gujarat');
```

```
--select * from Payment;
```

```

INSERT INTO
Payment(PaymentID,BookingID,Payment_mode,Date_of_payment,Amount_Paid,Payment_Gateway) VALUES

(6153111,2341341,1,TO_TIMESTAMP('13/11/2021 14:40:50','DD/MM/YYYY HH24:MI:SS'),450,'UPI'),

(6153112,2341342,2,TO_TIMESTAMP('14/10/2021 12:45:10','DD/MM/YYYY HH24:MI:SS'),350,'Offline'),

(6153113,2341343,1,TO_TIMESTAMP('15/10/2021 13:39:30','DD/MM/YYYY HH24:MI:SS'),300,'Debit card'),

(6153114,2341344,1,TO_TIMESTAMP('16/11/2021 17:25:20','DD/MM/YYYY HH24:MI:SS'),450,'UPI'),

(6153115,2341345,2,TO_TIMESTAMP('17/11/2021 16:35:10','DD/MM/YYYY HH24:MI:SS'),550,'Offline'),

(6153116,2341346,1,TO_TIMESTAMP('13/10/2021 16:35:10','DD/MM/YYYY HH24:MI:SS'),400,'UPI'),

(6153117,2341347,2,TO_TIMESTAMP('16/10/2021 16:35:10','DD/MM/YYYY HH24:MI:SS'),500,'Offline'),

(6153118,2341348,1,TO_TIMESTAMP('17/10/2021 09:40:10','DD/MM/YYYY HH24:MI:SS'),410,'Credit card'),

(6153119,2341349,2,TO_TIMESTAMP('16/10/2021 10:25:14','DD/MM/YYYY HH24:MI:SS'),450,'Offline'),

(6153120,2341350,1,TO_TIMESTAMP('18/10/2021 18:20:29','DD/MM/YYYY HH24:MI:SS'),400,'Debit card');

```

```
--select * from Customer;
```

```

INSERT INTO
Customer(CustomerID,UserID,Gender,DOB,PaymentID,BookingID)
VALUES

(1347161,1342121,'F',TO_DATE('19/01/1980','DD/MM/YYYY'),6153111,2341341),

(1347162,1342122,'M',TO_DATE('01/05/1996','DD/MM/YYYY'),6153113,2341343),

```

```
(1347163,1342123,'F',TO_DATE('18/04/1993','DD/MM/YYYY'),6153116,2341346),
```

```
(1347164,1342124,'M',TO_DATE('14/10/1990','DD/MM/YYYY'),6153117,2341347),
```

```
(1347165,1342125,'F',TO_DATE('24/04/1992','DD/MM/YYYY'),6153119,2341349);
```

```
--select * from Connects;
```

```
INSERT INTO Connects(RouteID,StationID) VALUES
```

```
(1234721,2152116),
```

```
(1234721,2152115),
```

```
(1234562,2152113),
```

```
(1234562,2152114),
```

```
(1234561,2152112),
```

```
(1234561,2152115),
```

```
(1234543,2152111),
```

```
(1234543,2152113),
```

```
(1234532,2152113),
```

```
(1234532,2152114),
```

```
(1234552,2152111),
```

```
(1234552,2152114),
```



(1234640,2152111),

(1234640,2152114),

(1234576,2152112),

(1234576,2152116),

(1234721,2152111),

(1234721,2152112),

(1234721,2152113),

(1234721,2152114),

(1234543,2152112),

(1234543,2152114),

(1234543,2152115),

(1234543,2152116);