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TRANSPORT MANAGEMENT SYSTEM

Computer science Investigatory Project

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CERTIFICATE

This is to certify that Jayanth MN student of class XII 'B' studying in K.V.MALLESHWARAM has successfully completed the project on the topic: "TRANSPORT MANAGEMENT SYSTEM " for the subject Computer Science.

This project is submitted as per the guidelines of CBSE practical Examination 2020-2021

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PGT – Computer Science   DATE:
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                                                              PRINCIPAL

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INTRODUCTION

Transport Management System is a type of management system that facilitates the management of Transport operations and functions, main operations such as vehicles booked, rate of business, planning and accounting Transport software can be as basic or advance when it comes to the need of the user's needs on the management operations. Many of the Transport Management Systems have integrated themselves to wealthy Hotels and Airports on it's operations, thus, they also need to have an add-on to handle the management of Hotel and Airport. In this scenario, they need mediator to connect the TMS to their management system. In the real world of hospitality industry, you need to be equipped with knowledge and the right systems not to compromise the operations but optimize it for greater stability and more profit.

SYSTEM REQUIREMENTS

RAM : 4GB

Processor : intel core i3, 7th generation

Operating System: Microsoft Windows 10

SOFTWARES USED

Python: 3.8 (32 bit)

MySQL: 5.5

FUNCTIONS USED

Built in Functions

cursor()

commit()

execute()

fetchall()

fetchone()

SOURCE CODE

```python
    #creation of database and table
import mysql.connector as ms
mycon=ms.connect(host='localhost', user='root',passwd='root@123')
cursor=mycon.cursor()
cursor.execute("create database if not exists project")
cursor.execute("use project")
cursor.execute('''create table if not exists transport(name varchar(50),\
bookingid int(20),contact decimal(65), taxi varchar(50), pickup varchar(50),dropdown
varchar(50),distance int(50), price int(50), date date)''')
mycon.commit()
mycon.close()
#menu driven program starts here
g='y'
while g=='y':
   print("Welcome to  TRANSPORT MANAGEMENT SYSTEM")
   print("1. Enter 1 to add passenger's details")
   print("2. Enter 2 to search passenger's details")
   print("3. Enter 3 to update passenger's details")
   print("4. Enter 4 to delete passenger's details")
   print("5. Enter 5 to display passenger's details")
   print("6. Enter 6 to exit")
   print()
   a=int(input("PLEASE ENTER YOUR CHOICE==> "))
#taking the user's choice
   if a==1:
      n='y'
      while n=='y':
         import mysql.connector as ms

mycon=ms.connect(host="localhost",user="root",passwd="root@123",database="proje
ct")
         cursor=mycon.cursor()
         name=input("Enter the passenger's name==>")
         bid=int(input("Enter the booking id of the passenger==>"))
         contact=int(input("Enter the passenger's contact number==>"))
         pup=input("Enter the pickup location==>")
         ddn=input("Enter the dropdown location==>")
```

```python
distance=float(input("Enter the net distance travelled==>"))
date=input("Enter the date of travel in the format yyyy-mm-dd==>")
print("Choose the taxi types")
print("1.Mini")
print("2.Micro")
print("3.Macro")
print("4.Sedan")
print("5.Suv")
print("6.Luxury")
print("7.Tempo traveller")
print("8.Ordinary bus")
print("9.Volvo A/C bus")
print("10.Volvo sleeper coach A/C bus")
b=int(input("enter the type of taxi"))
if b==1:
    taxi="mini"
    price=distance*5
elif b==2:
    taxi="micro"
    price=distance*6
elif b==3:
    taxi="macro"
    price=distance*8
elif b==4:
    taxi="sedan"
    price=distance*10
elif b==5:
    taxi="suv"
    price=distance*14
elif b==6:
    taxi="luxury"
    price=distance*20
elif b==7:
    taxi="tempo_traveller"
    price=distance*20
elif b==8:
    taxi="ordinary_bus"
    price=distance*18
elif b==9:
    taxi="volvo_A/C_bus"
    price=distance*25
```

```python
        elif b==10:
            taxi="volvo_sleeper_A/C_bus"
            price=distance*30
        cursor.execute("'insert into transport
values('{0}',{1},{2},'{3}','{4}','{5}',{6},{7},'{8}')'".format(name,bid,contact,taxi,pup,ddn,distance,price,date))
        mycon.commit()
        mycon.close()
        print("data successfully added")
        n=input("Enter y if you want to add more details otherwise enter n (y/n)==>")
        print()
#choice no.1 done
    elif a==2:
        import mysql.connector as ms

mycon=ms.connect(host="localhost",user="root",passwd="root@123",database="project")
        cursor=mycon.cursor()
        z="y"
        while z=='y':
            bid=int(input("Enter the booking id of the customer whose details have to be
displayed==>"))
            cursor.execute("'select * from transport where bookingid={}'".format(bid))
            data=cursor.fetchone()
            if data!=None:
                print(data)
                print()
            else:
                print("EMPTY/BOOKING ID DOES NOT EXIST")
                print()
            z=input("Enter y if you want to search again otherwise enter n==>")
#choice no.2 done
    elif a==3:
        import mysql.connector as ms

mycon=ms.connect(host="localhost",user="root",passwd="root@123",database="project")
        cursor=mycon.cursor()
        z="y"
        while z=='y':
            print("1. Update name")
```

```python
        print("2. Update contact")
        print("3. Update taxi")
        print("4. Update pickup location")
        print("5. Update drop location")
        print("6. Update total distance travelled")
        print("7. Update date travelled")
        c=int(input("Please enter your choice==>"))
        print()
        if c==1:
            name=input("Enter the modified name==>")
            bid=int(input("Enter the booking id of the customer whose name has to be
changed==>"))
            cursor.execute("'select * from transport where bookingid={}"'.format(bid))
            data=cursor.fetchone()
            if data!=None:
                print("Here are the details of the booking id",bid)
                print(data)
                print()
                a=input("Confirm to update:(y/n)==>")
                if a=='y':
                    cursor.execute("'update transport set name='{0}' where
bookingid={1}"'.format(name,bid))
                    mycon.commit()
                    print("Successfully updated")
                    print()
                else:
                    print("Updation cancelled")
            else:
                print("EMPTY/BOOKING ID DOES NOT EXIST")
                print()
        elif c==2:
            contact=int(input("Enter the modified contact number==>"))
            bid=int(input("Enter the booking id of the customer whose contact has to be
changed==>"))
            cursor.execute("'select * from transport where bookingid={}"'.format(bid))
            data=cursor.fetchone()
            if data!=None:
                print("Here are the details of the booking id",bid)
                print(data)
                print()
                a=input("Confirm to update:(y/n)==>")
```

```python
            if a=='y':
                cursor.execute("'update transport set contact={0} where
bookingid={1}'".format(contact,bid))
                mycon.commit()
                print("Successfully updated")
                print()
            else:
                print("Updation cancelled")
        else:
            print("EMPTY/BOOKING ID DOES NOT EXIST")
            print()
    elif c==3:
        bid=int(input("Enter the booking id of the customer whose taxi type has to be
changed==>"))
        cursor.execute("'select distance from transport where
bookingid={}'".format(bid))
        o=cursor.fetchone()
        distance=o[0]
        print("Choose the taxi types")
        print("1.Mini")
        print("2.Micro")
        print("3.Macro")
        print("4.Sedan")
        print("5.Suv")
        print("6.Luxury")
        print("7.Tempo traveller")
        print("8.Ordinary bus")
        print("9.Volvo A/C bus")
        print("10.Volvo sleeper coach A/C bus")
        print()
        b=int(input("Enter the type of taxi==>"))
        print()
        if b==1:
            taxi="mini"
            price=distance*5
        elif b==2:
            taxi="micro"
            price=distance*6
        elif b==3:
            taxi="macro"
            price=distance*8
```

```python
        elif b==4:
            taxi="sedan"
            price=distance*10
        elif b==5:
            taxi="suv"
            price=distance*14
        elif b==6:
            taxi="luxury"
            price=distance*20
        elif b==7:
            taxi="tempo_traveller"
            price=distance*20
        elif b==8:
            taxi="ordinary_bus"
            price=distance*18
        elif b==9:
            taxi="volvo_A/C_bus"
            price=distance*25
        elif b==10:
            taxi="volvo_sleeper_A/C_bus"
            price=distance*30
        cursor.execute("'select * from transport where bookingid={}'".format(bid))
        data=cursor.fetchone()
        if data!=None:
            print("Here are the details of the booking id",bid)
            print(data)
            print()
            a=input("Confirm to update:(y/n)==>")
            if a=='y':
                cursor.execute("'update transport set taxi='{0}',price={1} where
bookingid={2}'".format(taxi,price,bid))
                mycon.commit()
                print("Successfully updated")
                print()
            else:
                print("Updation cancelled")
        else:
            print("EMPTY/BOOKING ID DOES NOT EXIST")
            print()
    elif c==4:
        pup=input("Enter the modified pickup location==>")
```

```python
        bid=int(input("Enter the booking id of the customer whose pickup location has
to be changed==>"))
        cursor.execute("'select * from transport where bookingid={}"'.format(bid))
        data=cursor.fetchone()
        if data!=None:
            print("Here are the details of the booking id",bid)
            print(data)
            print()
            a=input("Confirm to update:(y/n)==>")
            if a=='y':
                cursor.execute("'update transport set pickup='{0}' where
bookingid={1}"'.format(pup,bid))
                mycon.commit()
                print("Successfully updated")
                print()
            else:
                print("Updation cancelled")
        else:
            print("EMPTY/BOOKING ID DOES NOT EXIST")
            print()
    elif c==5:
        ddn=input("Enter the modified dropdown location==>")
        bid=int(input("Enter the booking id of the customer whose dropdown location
has to be changed==>"))
        cursor.execute("'select * from transport where bookingid={}"'.format(bid))
        data=cursor.fetchone()
        if data!=None:
            print("Here are the details of the booking id",bid)
            print(data)
            print()
            a=input("Confirm to update:(y/n)==>")
            if a=='y':
                cursor.execute("'update transport set dropdown='{0}' where
bookingid={1}"'.format(ddn,bid))
                mycon.commit()
                print("Successfully updated")
                print()
            else:
                print("Updation cancelled")
        else:
            print("EMPTY/BOOKING ID DOES NOT EXIST")
```

```python
                print()
        elif c==6:
            distance=float(input("Enter the modified distance==>"))
            bid=int(input("Enter the booking id of the customer whose total distance has
to be changed==>"))
            cursor.execute("'select * from transport where bookingid={}'".format(bid))
            data=cursor.fetchone()
            if data!=None:
                print("Here are the details of the booking id",bid)
                print(data)
                print()
                a=input("Confirm to update:(y/n)==>")
                if a=='y':
                    cursor.execute("'select distance from transport where
bookingid={}'".format(bid))
                    o=cursor.fetchone()
                    ord=o[0]
                    cursor.execute("'select price from transport where
bookingid={}'".format(bid))
                    p=cursor.fetchone()
                    price=p[0]
                    price=(price/ord)*distance
                    cursor.execute("'update transport set distance={0}, price={1} where
bookingid={2}'".format(distance, price,bid))
                    mycon.commit()
                    print("Successfully updated")
                    print()
                else:
                    print("Updation cancelled")
            else:
                print("EMPTY/BOOKING ID DOES NOT EXIST")
                print()
        elif c==7:
            date=input("Enter the modified date of travel in the format yyyy-mm-dd==>")
            bid=int(input("Enter the booking id of the customer whose date of travel has
to be changed==>"))
            cursor.execute("'select * from transport where bookingid={}'".format(bid))
            data=cursor.fetchone()
            if data!=None:
                print("Here are the details of the booking id",bid)
                print(data)
```

```python
            print()
            a=input("Confirm to update:(y/n)==>")
            if a=='y':
                cursor.execute("'update transport set date='{0}' where
bookingid={1}'".format(date,bid))
                mycon.commit()
                print("Successfully updated")
                print()
            else:
                print("Updation cancelled")
        else:
            print("EMPTY/BOOKING ID DOES NOT EXIST")
            print()
    z=input("Enter y if you want to update anything else otherwise enter n==>")
    print()
#choice no.3 done
    elif a==4:
        import mysql.connector as ms

mycon=ms.connect(host="localhost",user="root",passwd="root@123",database="proje
ct")
        cursor=mycon.cursor()
        z="y"
        while z=='y':
            bid=int(input("Enter the booking id of the customer whose details has to be
deleted==>"))
            cursor.execute("'select * from transport where bookingid={}'".format(bid))
            data=cursor.fetchone()
            if data!=None:
                print(data)
                print()
                c=input("are you sure you want to delete the details (y/n)")
                if c=='y':
                    cursor.execute("'delete from transport where bookingid={}'".format(bid))
                    mycon.commit()
                    print("Successfully deleted")
                    print()
            else:
                print("EMPTY/BOOKING ID DOES NOT EXIST")
                print()
            z=input("Enter y if you want to delete more details otherwise enter n==>")
```

```python
          print()
#choice no.4 done
   elif a==5:
      import mysql.connector as ms

mycon=ms.connect(host="localhost",user="root",passwd="root@123",database="proje
ct")
      cursor=mycon.cursor()
      z="y"
      while z=='y':
         cursor.execute('''select * from transport''')
         a=cursor.fetchall()
         if a!=None:
            for i in a:
               print(i)
         else:
            print("EMPTY/NO RECORD TO BE DISPLAYED")
            print()
         z=input("Enter y if you want to display again otherwise enter n==>")
         print()
#choice no.5 done
   elif a==6:
      print("Thank you for using TRANSPORT MANAGEMENT SYSTEM")
      print()
      break
   else:
      print("You have entered wrong choice")
      print()
   g=input("Enter y if you want to continue otherwise enter n (y/n)==>")
   print()
#choice no.6 done
#menu ends here
#program ends here
```

INPUTS/ OUTPUTS SCREENSHOTS

```
Welcome to   TRANSPORT MANAGEMENT SYSTEM
1. Enter 1 to add passenger's details
2. Enter 2 to search passenger's details
3. Enter 3 to update passenger's details
4. Enter 4 to delete passenger's details
5. Enter 5 to display passenger's details
6. Enter 6 to exit

PLEASE ENTER YOUR CHOICE==> 1
Enter the passenger's name==>Jayanth MN
Enter the booking id of the passenger==>1
Enter the passenger's contact number==>9945001359
Enter the pickup location==>Hebbal
Enter the dropdown location==>Malleswaram
Enter the net distance travelled==>20
Enter the date of travel in the format yyyy-mm-dd==>2020-11-18
Choose the taxi types
1.Mini
2.Micro
3.Macro
4.Sedan
5.Suv
6.Luxury
7.Tempo traveller
8.Ordinary bus
9.Volvo A/C bus
10.Volvo sleeper coach A/C bus
enter the type of taxi5
data successfully added
Enter y if you want to add more details otherwise enter n (y/n)==>y

Enter the passenger's name==>Khushi SU
Enter the booking id of the passenger==>2
Enter the passenger's contact number==>9900069868
Enter the pickup location==>Yeshwanthpur
Enter the dropdown location==>Malleswaram
Enter the net distance travelled==>10
Enter the date of travel in the format yyyy-mm-dd==>2020-11-18
Choose the taxi types
1.Mini
2.Micro
3.Macro
4.Sedan
5.Suv
6.Luxury
7.Tempo traveller
8.Ordinary bus
9.Volvo A/C bus
10.Volvo sleeper coach A/C bus
enter the type of taxi4
data successfully added
Enter y if you want to add more details otherwise enter n (y/n)==>n

Enter y if you want to continue otherwise enter n (y/n)==>y
```

```
Enter y if you want to continue otherwise enter n (y/n)==>y

Welcome to  TRANSPORT MANAGEMENT SYSTEM
1. Enter 1 to add passenger's details
2. Enter 2 to search passenger's details
3. Enter 3 to update passenger's details
4. Enter 4 to delete passenger's details
5. Enter 5 to display passenger's details
6. Enter 6 to exit

PLEASE ENTER YOUR CHOICE==> 2
Enter the booking id of the customer whose details have to be displayed==>1
('Jayanth MN', 1, Decimal('9945001359'), 'suv', 'Hebbal', 'Malleswaram', 20, 280, datetime.date(2020, 11, 18))

Enter y if you want to search again otherwise enter n==>y
Enter the booking id of the customer whose details have to be displayed==>2
('Khushi SU', 2, Decimal('9900069868'), 'sedan', 'Yeshwanthpur', 'Malleswaram', 10, 100, datetime.date(2020, 11, 18))

Enter y if you want to search again otherwise enter n==>n
Enter y if you want to continue otherwise enter n (y/n)==>y

Welcome to  TRANSPORT MANAGEMENT SYSTEM
1. Enter 1 to add passenger's details
2. Enter 2 to search passenger's details
3. Enter 3 to update passenger's details
4. Enter 4 to delete passenger's details
5. Enter 5 to display passenger's details
6. Enter 6 to exit

PLEASE ENTER YOUR CHOICE==> 3
1. Update name
2. Update contact
3. Update taxi
4. Update pickup location
5. Update drop location
6. Update total distance travelled
7. Update date travelled
Please enter your choice==>1

Enter the modified name==>Jayanth
Enter the booking id of the customer whose name has to be changed==>1
Here are the details of the booking id 1
('Jayanth MN', 1, Decimal('9945001359'), 'suv', 'Hebbal', 'Malleswaram', 20, 280, datetime.date(2020, 11, 18))

Confirm to update:(y/n)==>y
Successfully updated
```

```
Enter y if you want to update anything else otherwise enter n==>n

Enter y if you want to continue otherwise enter n (y/n)==>y

Welcome to   TRANSPORT MANAGEMENT SYSTEM
1. Enter 1 to add passenger's details
2. Enter 2 to search passenger's details
3. Enter 3 to update passenger's details
4. Enter 4 to delete passenger's details
5. Enter 5 to display passenger's details
6. Enter 6 to exit

PLEASE ENTER YOUR CHOICE==> 3
1. Update name
2. Update contact
3. Update taxi
4. Update pickup location
5. Update drop location
6. Update total distance travelled
7. Update date travelled
Please enter your choice==>2

Enter the modified contact number==>9686725695
Enter the booking id of the customer whose contact has to be changed==>1
Here are the details of the booking id 1
('Jayanth', 1, Decimal('9945001359'), 'suv', 'Hebbal', 'Malleswaram', 20, 280, datetime.date(2020, 11, 18))

Confirm to update:(y/n)==>y
Successfully updated


Enter y if you want to update anything else otherwise enter n==>y

1. Update name
2. Update contact
3. Update taxi
4. Update pickup location
5. Update drop location
6. Update total distance travelled
7. Update date travelled
Please enter your choice==>3

Enter the booking id of the customer whose taxi type has to be changed==>1
Choose the taxi types
1.Mini
2.Micro
3.Macro
4.Sedan
5.Suv
6.Luxury
7.Tempo traveller
8.Ordinary bus
9.Volvo A/C bus
10.Volvo sleeper coach A/C bus

Enter the type of taxi==>8

Here are the details of the booking id 1
('Jayanth', 1, Decimal('9686725695'), 'suv', 'Hebbal', 'Malleswaram', 20, 280, datetime.date(2020, 11, 18)

Confirm to update:(y/n)==>y
Successfully updated
```

```
Enter y if you want to update anything else otherwise enter n==>y

1. Update name
2. Update contact
3. Update taxi
4. Update pickup location
5. Update drop location
6. Update total distance travelled
7. Update date travelled
Please enter your choice==>6

Enter the modified distance==>20
Enter the booking id of the customer whose total distance has to be changed==>2
Here are the details of the booking id 2
('Khushi SU', 2, Decimal('9900069868'), 'sedan', 'Malleswaram', 'Hebbal', 10, 100, datetime.date(2020, 11, 18))

Confirm to update:(y/n)==>y
Successfully updated

Enter y if you want to update anything else otherwise enter n==>y

1. Update name
2. Update contact
3. Update taxi
4. Update pickup location
5. Update drop location
6. Update total distance travelled
7. Update date travelled
Please enter your choice==>7

Enter the modified date of travel in the format yyyy-mm-dd==>2020-11-19
Enter the booking id of the customer whose date of travel has to be changed==>1
Here are the details of the booking id 1
('Jayanth', 1, Decimal('9686725695'), 'ordinary_bus', 'Hebbal', 'Malleswaram', 20, 360, datetime.date(2020, 11, 18)

Confirm to update:(y/n)==>y
Successfully updated

Enter y if you want to update anything else otherwise enter n==>y

1. Update name
2. Update contact
3. Update taxi
4. Update pickup location
5. Update drop location
6. Update total distance travelled
7. Update date travelled
Please enter your choice==>4

Enter the modified pickup location==>Malleswaram
Enter the booking id of the customer whose pickup location has to be changed==>2
Here are the details of the booking id 2
('Khushi SU', 2, Decimal('9900069868'), 'sedan', 'Yeshwanthpur', 'Malleswaram', 10, 100, datetime.date(2020, 11, 18))

Confirm to update:(y/n)==>y
Successfully updated

Enter y if you want to update anything else otherwise enter n==>y

1. Update name
2. Update contact
3. Update taxi
4. Update pickup location
5. Update drop location
6. Update total distance travelled
7. Update date travelled
Please enter your choice==>5

Enter the modified dropdown location==>Hebbal
Enter the booking id of the customer whose dropdown location has to be changed==>2
Here are the details of the booking id 2
('Khushi SU', 2, Decimal('9900069868'), 'sedan', 'Malleswaram', 'Malleswaram', 10, 100, datetime.date(2020, 11, 18))

Confirm to update:(y/n)==>y
Successfully updated
```

```
Enter y if you want to continue otherwise enter n (y/n)==>y

Welcome to  TRANSPORT MANAGEMENT SYSTEM
1. Enter 1 to add passenger's details
2. Enter 2 to search passenger's details
3. Enter 3 to update passenger's details
4. Enter 4 to delete passenger's details
5. Enter 5 to display passenger's details
6. Enter 6 to exit

PLEASE ENTER YOUR CHOICE==> 4
Enter the booking id of the customer whose details has to be deleted==>1
('Jayanth', 1, Decimal('9686725695'), 'ordinary_bus', 'Hebbal', 'Malleswaram', 20, 360, datetime.date(2020, 11, 19)

are you sure you want to delete the details (y/n)y
Successfully deleted
```

```
Enter y if you want to delete more details otherwise enter n==>n

Enter y if you want to continue otherwise enter n (y/n)==>y

Welcome to  TRANSPORT MANAGEMENT SYSTEM
1. Enter 1 to add passenger's details
2. Enter 2 to search passenger's details
3. Enter 3 to update passenger's details
4. Enter 4 to delete passenger's details
5. Enter 5 to display passenger's details
6. Enter 6 to exit

PLEASE ENTER YOUR CHOICE==> 5
('Khushi SU', 2, Decimal('9900069868'), 'sedan', 'Malleswaram', 'Hebbal', 20, 200, datetime.date(2020, 11, 18))
Enter y if you want to display again otherwise enter n==>n

Enter y if you want to continue otherwise enter n (y/n)==>y

Welcome to  TRANSPORT MANAGEMENT SYSTEM
1. Enter 1 to add passenger's details
2. Enter 2 to search passenger's details
3. Enter 3 to update passenger's details
4. Enter 4 to delete passenger's details
5. Enter 5 to display passenger's details
6. Enter 6 to exit

PLEASE ENTER YOUR CHOICE==> 6
Thank you for using TRANSPORT MANAGEMENT SYSTEM
```

TABLES UNDER MYSQL

```
mysql> use project;
Database changed
mysql> select * from transport;
+-----------+-----------+------------+--------------+-------------+-------------+----------+-------+------------+
| name      | bookingid | contact    | taxi         | pickup      | dropdown    | distance | price | date       |
+-----------+-----------+------------+--------------+-------------+-------------+----------+-------+------------+
| Jayanth   |         1 | 9686725695 | ordinary_bus | Hebbal      | Malleswaram |       20 |   360 | 2020-11-19 |
| Khushi SU |         2 | 9900069868 | sedan        | Malleswaram | Hebbal      |       20 |   200 | 2020-11-18 |
+-----------+-----------+------------+--------------+-------------+-------------+----------+-------+------------+
2 rows in set (0.00 sec)

mysql> select * from transport;
+-----------+-----------+------------+-------+-------------+----------+----------+-------+------------+
| name      | bookingid | contact    | taxi  | pickup      | dropdown | distance | price | date       |
+-----------+-----------+------------+-------+-------------+----------+----------+-------+------------+
| Khushi SU |         2 | 9900069868 | sedan | Malleswaram | Hebbal   |       20 |   200 | 2020-11-18 |
+-----------+-----------+------------+-------+-------------+----------+----------+-------+------------+
1 row in set (0.00 sec)
```

<u>FUTURE SCOPE</u>

Transport Management system, also known as TMS, have come a long way since the 1980s when rudimentary applications with basic features were introduced.

The main aim of TMS was to help passengers, increase efficiency by allowing them to choose modes and have a comfortable ride.

The increasing number of mega cities and the population growth in developed and developing countries has increased the importance of deploying an intelligent transport system

These transport management systems are becoming more and more affordable and they are always evolving to meet the ever increasing expectations and demands of the clients.

Transport management system can be linked with Hotel management system and even Flight management system for better use and to make Hotels and Airports more valuable and wealthy.

We can add GUI to make it user-friendly and make it easily accessible to users present anywhere in the city

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<u>NOTES</u>