```
CREATE TABLE User (
  UserID INT PRIMARY KEY,
  Name VARCHAR(100) NOT NULL,
  Email VARCHAR(100) UNIQUE NOT NULL,
  PhoneNumber VARCHAR(15) UNIQUE NOT NULL,
  Password VARCHAR(255) NOT NULL,
  UserType ENUM('Passenger', 'Driver', 'Admin') NOT NULL,
  Address TEXT,
  LoyaltyPoints INT DEFAULT 0,
  Preferences JSON
);
CREATE TABLE Route (
  RouteID INT PRIMARY KEY,
  Source VARCHAR(100) NOT NULL,
  Destination VARCHAR(100) NOT NULL,
  Duration INT NOT NULL,
  Distance DECIMAL(10, 2) NOT NULL,
  Popularity INT DEFAULT 0,
  ScenicScore DECIMAL(3, 2)
);
CREATE TABLE Bus (
  BUSID INT PRIMARY KEY,
  BusNumber VARCHAR(20) UNIQUE NOT NULL,
  Capacity INT NOT NULL,
  BusType ENUM('AC', 'Non-AC', 'Sleeper') NOT NULL,
  OperatorName VARCHAR(100),
  RouteID INT NOT NULL,
  MaintenanceStatus ENUM('Scheduled', 'In Progress', 'Completed') DEFAULT 'Scheduled',
  FOREIGN KEY (RouteID) REFERENCES Route(RouteID)
```

```
);
CREATE TABLE Driver (
  DriverID INT PRIMARY KEY,
  Name VARCHAR(100) NOT NULL,
  PhoneNumber VARCHAR(15) UNIQUE NOT NULL,
  LicenseNumber VARCHAR(50) UNIQUE NOT NULL,
  AssignedBusID INT UNIQUE,
  Ratings DECIMAL(3, 2),
  Experience INT,
  FOREIGN KEY (AssignedBusID) REFERENCES Bus(BusID)
);
CREATE TABLE Trip (
  TripID INT PRIMARY KEY,
  RouteID INT NOT NULL,
  StartTime DATETIME NOT NULL,
  EndTime DATETIME,
  Status ENUM('Scheduled', 'Ongoing', 'Completed') DEFAULT 'Scheduled',
  BusID INT NOT NULL,
  SeatMap JSON,
  RealTimeOccupancy INT DEFAULT 0,
  FOREIGN KEY (RouteID) REFERENCES Route(RouteID),
  FOREIGN KEY (BusID) REFERENCES Bus(BusID)
);
CREATE TABLE Ticket (
  TicketID INT PRIMARY KEY,
  UserID INT NOT NULL,
  TripID INT NOT NULL,
  SeatNumber VARCHAR(10) NOT NULL,
```

```
Booking Date DATETIME NOT NULL,
  Fare DECIMAL(10, 2) NOT NULL,
  PaymentStatus ENUM('Paid', 'Pending', 'Failed') DEFAULT 'Pending',
  CheckinStatus ENUM('Checked-In', 'Not Checked-In') DEFAULT 'Not Checked-In',
  QRCode VARCHAR(255),
  FOREIGN KEY (UserID) REFERENCES User(UserID),
  FOREIGN KEY (TripID) REFERENCES Trip(TripID)
);
CREATE TABLE TripStop (
  StopID INT PRIMARY KEY,
  TripID INT NOT NULL,
  StopName VARCHAR(100) NOT NULL,
  StopOrder INT NOT NULL,
  ArrivalTime DATETIME,
  DepartureTime DATETIME,
  NearbyFacilities JSON,
  FOREIGN KEY (TripID) REFERENCES Trip(TripID)
);
CREATE TABLE Payment (
  PaymentID INT PRIMARY KEY,
  TicketID INT NOT NULL,
  Amount DECIMAL(10, 2) NOT NULL,
  PaymentDate DATETIME NOT NULL,
  PaymentMode ENUM('Card', 'UPI', 'Cash') NOT NULL,
  PaymentStatus ENUM('Success', 'Pending', 'Failed') DEFAULT 'Pending',
  CashbackEarned DECIMAL(10, 2) DEFAULT 0.00,
  FOREIGN KEY (TicketID) REFERENCES Ticket(TicketID)
);
```

```
CREATE TABLE Tracking (
  TrackingID INT PRIMARY KEY,
  BusID INT NOT NULL,
  CurrentLocation VARCHAR(255),
  LastUpdated DATETIME,
  Speed DECIMAL(5, 2),
  RouteDeviationFlag BOOLEAN DEFAULT FALSE,
  FOREIGN KEY (BusID) REFERENCES Bus(BusID)
);
CREATE TABLE Feedback (
  FeedbackID INT PRIMARY KEY,
  UserID INT NOT NULL,
  TripID INT NOT NULL,
  Rating DECIMAL(2, 1) NOT NULL,
  Comment TEXT,
  FeedbackDate DATETIME NOT NULL,
  SuggestedImprovements TEXT,
  FOREIGN KEY (UserID) REFERENCES User(UserID),
  FOREIGN KEY (TripID) REFERENCES Trip(TripID)
);
CREATE TABLE Admin (
  AdminID INT PRIMARY KEY,
  Name VARCHAR(100) NOT NULL,
  Email VARCHAR(100) UNIQUE NOT NULL,
  PhoneNumber VARCHAR(15) UNIQUE NOT NULL,
  Password VARCHAR(255) NOT NULL,
  Role ENUM('SuperAdmin', 'RouteManager', 'SupportStaff') NOT NULL,
  SystemAccessLevel INT NOT NULL
);
```

```
CREATE TABLE Offer (
  OfferID INT PRIMARY KEY,
  OfferName VARCHAR(100) NOT NULL,
  DiscountPercent DECIMAL(5, 2) NOT NULL,
  ValidFrom DATETIME NOT NULL,
  ValidTo DATETIME NOT NULL,
);
CREATE TABLE Maintenance (
  MaintenanceID INT PRIMARY KEY,
  BusID INT NOT NULL,
  MaintenanceDate DATETIME NOT NULL,
  IssueReported TEXT,
  MaintenanceCost DECIMAL(10, 2),
  Status ENUM('Pending', 'In Progress', 'Completed') DEFAULT 'Pending',
  FOREIGN KEY (BusID) REFERENCES Bus(BusID)
);
CREATE TABLE Complaint (
  ComplaintID INT PRIMARY KEY,
  UserID INT NOT NULL,
  TripID INT NOT NULL,
  ComplaintType VARCHAR(100) NOT NULL,
  ComplaintDescription TEXT NOT NULL,
  Status ENUM('Open', 'Closed') DEFAULT 'Open',
  ResolutionDate DATETIME,
  FOREIGN KEY (UserID) REFERENCES User(UserID),
  FOREIGN KEY (TripID) REFERENCES Trip(TripID)
);
```

INSERT INTO User (UserID, Name, Email, PhoneNumber, Password, UserType, Address, LoyaltyPoints) VALUES

- (1, 'John Doe', 'john.doe@example.com', '1234567890', 'password123', 'Passenger', '123 Street, City', 100),
- (2, 'Alice Smith', 'alice.smith@example.com', '1234567891', 'password456', 'Passenger', '456 Avenue, City', 200),
- (3, 'Bob Johnson', 'bob.johnson@example.com', '1234567892', 'password789', 'Driver', '789 Road, City', 0),
- (4, 'Eve White', 'eve.white@example.com', '1234567893', 'password101', 'Passenger', '101 Boulevard, City', 150),
- (5, 'Charlie Brown', 'charlie.brown@example.com', '1234567894', 'password202', 'Admin', '202 Parkway, City', 0);

INSERT INTO Route (RouteID, Source, Destination, Duration, Distance, Popularity, ScenicScore) VALUES

- (1, 'City A', 'City B', 120, 150.50, 100, 4.5),
- (2, 'City C', 'City D', 180, 250.75, 80, 4.0),
- (3, 'City E', 'City F', 90, 120.30, 60, 3.5),
- (4, 'City G', 'City H', 150, 200.40, 90, 4.2),
- (5, 'City I', 'City J', 110, 180.60, 95, 4.6);

INSERT INTO Bus (BusID, BusNumber, Capacity, BusType, OperatorName, RouteID, MaintenanceStatus) VALUES

- (1, 'AC-001', 45, 'AC', 'Operator X', 1, 'Scheduled'),
- (2, 'NonAC-002', 50, 'Non-AC', 'Operator Y', 2, 'In Progress'),
- (3, 'Sleeper-003', 40, 'Sleeper', 'Operator Z', 3, 'Completed'),
- (4, 'AC-004', 45, 'AC', 'Operator A', 4, 'Scheduled'),
- (5, 'NonAC-005', 50, 'Non-AC', 'Operator B', 5, 'In Progress');

INSERT INTO Driver (DriverID, Name, PhoneNumber, LicenseNumber, AssignedBusID, Ratings, Experience) VALUES

- (1, 'Sam Green', '1234567890', 'DL12345', 1, 4.2, 5),
- (2, 'Megan Blue', '1234567891', 'DL12346', 2, 4.5, 7),
- (3, 'Lucas Black', '1234567892', 'DL12347', 3, 4.0, 3),

```
(4, 'Sophia White', '1234567893', 'DL12348', 4, 4.3, 4),
(5, 'James Red', '1234567894', 'DL12349', 5, 4.6, 6);
INSERT INTO Trip (TripID, RouteID, StartTime, EndTime, Status, BusID, RealTimeOccupancy) VALUES
(1, 1, '2025-01-19 08:00:00', '2025-01-19 10:00:00', 'Scheduled', 1, 0),
(2, 2, '2025-01-19 09:00:00', '2025-01-19 11:00:00', 'Ongoing', 2, 20),
(3, 3, '2025-01-19 10:00:00', '2025-01-19 12:00:00', 'Completed', 3, 0),
(4, 4, '2025-01-19 11:00:00', '2025-01-19 01:00:00', 'Scheduled', 4, 0),
(5, 5, '2025-01-19 12:00:00', '2025-01-19 02:00:00', 'Scheduled', 5, 0);
INSERT INTO Ticket (TicketID, UserID, TripID, SeatNumber, BookingDate, Fare, PaymentStatus,
CheckInStatus, QRCode) VALUES
(1, 1, 1, 'A1', '2025-01-18 14:00:00', 50.00, 'Paid', 'Not Checked-In', 'QRCode1'),
(2, 2, 2, 'B2', '2025-01-18 15:00:00', 75.00, 'Paid', 'Checked-In', 'QRCode2'),
(3, 3, 3, 'C3', '2025-01-18 16:00:00', 60.00, 'Pending', 'Not Checked-In', 'QRCode3'),
(4, 4, 4, 'D4', '2025-01-18 17:00:00', 80.00, 'Paid', 'Not Checked-In', 'QRCode4'),
(5, 5, 5, 'E5', '2025-01-18 18:00:00', 90.00, 'Paid', 'Not Checked-In', 'QRCode5');
INSERT INTO TripStop (StopID, TripID, StopName, StopOrder, ArrivalTime, DepartureTime) VALUES
(1, 1, 'Stop A', 1, '2025-01-19 08:30:00', '2025-01-19 08:45:00'),
(2, 2, 'Stop B', 1, '2025-01-19 09:30:00', '2025-01-19 09:45:00'),
(3, 3, 'Stop C', 1, '2025-01-19 10:30:00', '2025-01-19 10:45:00'),
(4, 4, 'Stop D', 1, '2025-01-19 11:30:00', '2025-01-19 11:45:00'),
(5, 5, 'Stop E', 1, '2025-01-19 12:30:00', '2025-01-19 12:45:00');
INSERT INTO Payment (PaymentID, TicketID, Amount, PaymentDate, PaymentMode, PaymentStatus,
CashbackEarned) VALUES
(1, 1, 50.00, '2025-01-18 14:30:00', 'Card', 'Success', 5.00),
(2, 2, 75.00, '2025-01-18 15:30:00', 'UPI', 'Success', 7.50),
(3, 3, 60.00, '2025-01-18 16:30:00', 'Cash', 'Pending', 0.00),
(4, 4, 80.00, '2025-01-18 17:30:00', 'Card', 'Success', 8.00),
```

(5, 5, 90.00, '2025-01-18 18:30:00', 'UPI', 'Success', 9.00);

INSERT INTO Tracking (TrackingID, BusID, CurrentLocation, LastUpdated, Speed, RouteDeviationFlag) VALUES

- (1, 1, 'Location A', '2025-01-19 08:30:00', 60.5, FALSE),
- (2, 2, 'Location B', '2025-01-19 09:30:00', 70.0, TRUE),
- (3, 3, 'Location C', '2025-01-19 10:30:00', 50.0, FALSE),
- (4, 4, 'Location D', '2025-01-19 11:30:00', 65.5, FALSE),
- (5, 5, 'Location E', '2025-01-19 12:30:00', 55.0, TRUE);

INSERT INTO Feedback (FeedbackID, UserID, TripID, Rating, Comment, FeedbackDate, SuggestedImprovements) VALUES

- (1, 1, 1, 4.5, 'Great trip!', '2025-01-19 10:00:00', 'Add more stops'),
- (2, 2, 2, 4.0, 'Good service!', '2025-01-19 11:00:00', 'Improve AC settings'),
- (3, 3, 3, 3.5, 'The trip was fine.', '2025-01-19 12:00:00', 'Increase speed'),
- (4, 4, 4, 5.0, 'Excellent ride!', '2025-01-19 13:00:00', 'No changes needed'),
- (5, 5, 5, 4.2, 'Comfortable journey.', '2025-01-19 14:00:00', 'Add more buses');

INSERT INTO Admin (AdminID, Name, Email, PhoneNumber, Password, Role, SystemAccessLevel) VALUES

- (1, 'Super Admin', 'admin@example.com', '9876543210', 'adminpass', 'SuperAdmin', 10),
- (2, 'Route Manager', 'route.manager@example.com', '9876543211', 'routemanagerpass', 'RouteManager', 5),
- (3, 'Support Staff', 'support@example.com', '9876543212', 'supportpass', 'SupportStaff', 3),
- (4, 'System Admin', 'sysadmin@example.com', '9876543213', 'sysadminpass', 'SuperAdmin', 9),
- (5, 'Data Analyst', 'data.analyst@example.com', '9876543214', 'datapass', 'SupportStaff', 2);

INSERT INTO Offer (OfferID, OfferName, DiscountPercent, ValidFrom, ValidTo) VALUES

- (1, 'Summer Discount', 15.00, '2025-06-01 00:00:00', '2025-06-30 23:59:59'),
- (2, 'Holiday Offer', 20.00, '2025-12-01 00:00:00', '2025-12-31 23:59:59'),
- (3, 'Weekend Special', 10.00, '2025-01-01 00:00:00', '2025-01-31 23:59:59'),
- (4, 'Loyalty Reward', 5.00, '2025-03-01 00:00:00', '2025-03-31 23:59:59'),
- (5, 'Flash Sale', 25.00, '2025-04-01 00:00:00', '2025-04-15 23:59:59');

INSERT INTO Maintenance (MaintenanceID, BusID, MaintenanceDate, IssueReported, MaintenanceCost, Status) VALUES

- (1, 1, '2025-01-20 09:00:00', 'AC not cooling', 1000.00, 'Pending'),
- (2, 2, '2025-01-21 10:00:00', 'Tire replacement', 1500.00, 'In Progress'),
- (3, 3, '2025-01-22 11:00:00', 'Engine noise', 2000.00, 'Completed'),
- (4, 4, '2025-01-23 12:00:00', 'Brake system check', 1200.00, 'Scheduled'),
- (5, 5, '2025-01-24 13:00:00', 'Wiper issue', 800.00, 'In Progress');

INSERT INTO Complaint (ComplaintID, UserID, TripID, ComplaintType, ComplaintDescription, Status, ResolutionDate) VALUES

- (1, 1, 1, 'Delay', 'Bus was late by 30 minutes', 'Open', NULL),
- (2, 2, 2, 'Broken Seat', 'Seat B2 was broken', 'Closed', '2025-01-19 13:00:00'),
- (3, 3, 3, 'Uncomfortable Ride', 'The ride was too bumpy', 'Open', NULL),
- (4, 4, 4, 'AC Issue', 'AC not working properly', 'Closed', '2025-01-19 14:00:00'),
- (5, 5, 5, 'Overcrowding', 'Too many passengers, uncomfortable', 'Open', NULL);

```
localhost:33060+ ssl bustrackingapp SQL > show tables;
   MySQL
     Tables_in_bustrackingapp
     admin
     bus
     complaint
     driver
     feedback
     maintenance
     offer
     payment
     route
     ticket
     tracking
     trip
     tripstop
     user
 14 rows in set (0.0028 sec)
 MySQL localhost:33060+ ssl bustrackingapp
                                                           > select * from admin :
  AdminTD | Name
                                                                 PhoneNumber |
                                                                                                        Role
                                Fmail
                                                                                 Password
                                                                                                                         SystemAccessLevel
             Super Admin
Route Manager
Support Staff
System Admin
Data Analyst
                                                                 9876543210
                                admin@example.com
                                                                                                        SuperAdmin
                                                                                                                                           10
                                                                                  adminpass
                                admingexample.com
route.manager@example.com
support@example.com
sysadmin@example.com
data.analyst@example.com
                                                                 9876543211
9876543212
                                                                                                        RouteManager
SupportStaff
                                                                                  supportpass
                                                                 9876543213
9876543214
                                                                                 sysadminpass
datapass
                                                                                                        SuperAdmin
SupportStaff
  BusID | BusNumber
                           Capacity
                                        BusType | OperatorName
                                                                     Amenities
                                                                                   RouteID |
                                                                                               MaintenanceStatus
                                                                     NULL
           AC-001
                                        AC
                                                    Operator X
                                                                                               Scheduled
           NonAC-002
Sleeper-003
                                  50
40
                                        Non-AC
Sleeper
                                                                     NULL
NULL
                                                                                               In Progress
Completed
Scheduled
In Progress
                                                    Operator
                                                    Operator Z
           AC-004
NonAC-005
                                  45
50
                                        AC
Non-AC
                                                    Operator A
Operator B
                                                                     NULL
NULL
5 rows in set (0.0021 sec)

MySQL localhost:33060+ ssl bustrackingapp SQL > select * from complaint;
  ComplaintID | UserID | TripID | ComplaintType
                                                             | ComplaintDescription
                                                                                                         Status | ResolutionDate
                                       Delay
Broken Seat
Uncomfortable Ride
AC Issue
Overcrowding
                                                                Bus was late by 30 minutes
Seat B2 was broken
The ride was too bumpy
                                                                                                                     NULL
2025-01-19 13:00:00
NULL
2025-01-19 14:00:00
                                                                                                          Open
Closed
                        1
2
3
4
5
                                   2
3
4
5
                                                                                                          Open
Closed
                                                               AC not working properly
Too many passengers, uncomfortable
                                                                                                          0pen
                                                                                                                     NULL
5 rows in set (0.0011 sec)
         localhost:33060+ ssl bustrackingapp
                                                                  > select * from driver
  DriverID | Name
                                    PhoneNumber |
                                                       LicenseNumber | AssignedBusID |
                                                                                                 Ratings |
                                                                                                              Experience
                 Sam Green
                                     1234567890
                                                       DL12345
                                    1234567891
1234567892
                                                       DL12346
DL12347
                                                                                                     4.50
4.00
            2
                 Megan Blue
                 Lucas Black
                                                                                                                          3
                 Sophia White
                                                       DL12348
                                                                                                     4.30
                                     1234567894
                                                       DL12349
                                                                                                     4.60
5 rows in set (0.0011 sec)
MySQL localhost:33060+ ssl bustrackingapp SQL > select * from feedback;
  FeedbackID
                                        | Rating
                                                    | Comment
                                                                                     FeedbackDate
                                                                                                                  SuggestedImprovements
                   UserID
                               TripID
                                                                                     2025-01-19 10:00:00
                                                       Great trip!
                                                                                                                   Add more stops
                                      1
2
3
                                               4.0
3.5
5.0
                                                                                     2025-01-19 11:00:00
2025-01-19 12:00:00
2025-01-19 13:00:00
              2
3
                          2
                                                       Good service!
                                                                                                                   Improve AC settings
                                                       The trip was fine.
Excellent ride!
                                                                                                                   Increase speed
                          4
                                                                                                                  No changes needed
                                               4.2
                                                       Comfortable journey.
                                                                                     2025-01-19 14:00:00
                                                                                                                   Add more buses
        in set (0.0010 sec)
```

```
Empty set (0.0010 sec)
          localhost:33060+ ssl bustrackingapp
                                                                                  > select * from offer;
   OfferID | OfferName
                                                 DiscountPercent
                                                                               ValidFrom
                                                                                                                   ValidTo
                                                                                                                                                       ApplicableRoutes
                                                                                                                  2025-06-30 23:59:59
2025-12-31 23:59:59
2025-01-31 23:59:59
2025-03-31 23:59:59
2025-04-15 23:59:59
                    Summer Discount
                                                                  15.00
                                                                               2025-06-01 00:00:00
                                                                                                                                                       NULL
                                                                 20.00
10.00
             2
                   Holiday Offer
Weekend Special
                                                                               2025-12-01 00:00:00
                                                                                                                                                       NULL
                                                                               2025-01-01 00:00:00
                                                                                                                                                       NULL
             4
                   Loyalty Reward
Flash Sale
                                                                   5.00
                                                                               2025-03-01 00:00:00
                                                                                                                                                       NULL
                                                                 25 00
                                                                               2025-04-01 00.00.00
                                                                                                                                                       NIII I
5 rows in set (0.0010 sec)
        L localhost:33060+ ssl bustrackingapp SQL > select * from payment;
   PaymentID | TicketID | Amount | PaymentDate
                                                                                         | PaymentMode | PaymentStatus | CashbackEarned |
                                                        2025-01-18 14:30:00
                                  1
2
3
                1
2
3
                                          75.00
60.00
                                                        2025-01-18 15:30:00
2025-01-18 16:30:00
                                                                                                                                                             7.50
0.00
                                                                                           UPI
                                                                                                                   Success
                                                                                                                   Pending
                                                                                           Cash
                                                                                            Card
                                  4
                                          80.00
                                                        2025-01-18 17:30:00
                                                                                                                                                             8.00
                                                                                                                   Success
                5
                                           90.00
                                                        2025-01-18 18:30:00
                                                                                           UPI
                                                                                                                   Success
                                                                                                                                                             9.00
5 rows in set (0.0014 sec)
          localhost:33060+ ssl bustrackingapp
                                                                           SQL > select * from route;
   RouteID | Source | Destination |
                                                         Duration | Distance | Popularity
                                                                                                                  ScenicScore
                                  City B
City D
City F
City H
                   City A
City C
City E
City G
             1
2
3
                                                                 180
90
                                                                               250.75
                                                                                                                              4.00
3.50
                                                                               120.30
                                                                                                          60
             4
                                                                  150
                                                                               200.40
                                                                                                           90
                                                                                                                              4.20
             5
                   City
                                  City J
                                                                  110
                                                                               180.60
                                                                                                           95
                                                                                                                              4.60
5 rows in set (0.0011 sec)
          localhost:33060+ ssl bustrackingapp
                                                                            > select * from ticket
                                                                                                    Fare
   TicketID | UserID | TripID | SeatNumber | BookingDate
                                                                                                                PaymentStatus |
                                                                                                                                        CheckInStatus
                                                                                                                                                               I ORCode
                                                                                                    50.00
75.00
60.00
80.00
                                              A1
B2
                                                                   2025-01-18 14:00:00
                                                                                                                Paid
Paid
                                                                                                                                         Not Checked-In
                                                                                                                                                                  QRCode1
                                         1
2
3
4
                           1
2
3
                                                                   2025-01-18 15:00:00
2025-01-18 16:00:00
2025-01-18 17:00:00
                                                                                                                                        Checked-In
Not Checked-In
Not Checked-In
                                                                                                                                                                  QRCode2
                                              C3
D4
                                                                                                                Pending
Paid
                                                                                                                                                                  QRCode3
                                                                                                                                                                  QRCode4
                                                                   2025-01-18 18:00:00
                                                                                                                                         Not Checked-In
 5 rows in set (0.0011 sec)
           localhost:33060+ ssl bustrackingapp SQL > select * from tracking;
   TrackingID | BusID | CurrentLocation | LastUpdated
                                                                                             | Speed | RouteDeviationFlag
                                                              2025-01-19 08:30:00
2025-01-19 09:30:00
2025-01-19 10:30:00
2025-01-19 11:30:00
2025-01-19 12:30:00
                                                                                               60.50
70.00
50.00
                                   Location A
                             1
2
3
4
                2
3
                                   Location B
                                  Location C
Location D
                                                                                                                                     0
0
1
                4
                                                                                               65.50
5 rows in set (0.0012 sec)
          localhost:33060+ ssl | bustrackingapp | SQL > select * from trip;
                                                                                                                                               RealTimeOccupancy
   TripID | RouteID | StartTime
                                                                 FndTime
                                                                                                  Status
                                                                                                                   | BusID | SeatMap |
                               2025-01-19 08:00:00
2025-01-19 09:00:00
2025-01-19 10:00:00
2025-01-19 11:00:00
2025-01-19 12:00:00
                                                                 2025-01-19 10:00:00 2025-01-19 11:00:00 2025-01-19 12:00:00 2025-01-19 01:00:00
                                                                                                                                 NULL
NULL
                                                                                                                                                                       0
20
                                                                                                  Scheduled
                          1
2
3
4
                                                                                                                           1
2
3
4
                                                                                                  Ongoing
Completed
Scheduled
                                                                                                                                 NULL
NULL
                                                                                                                                                                        0
0
                                                                 2025-01-19 02:00:00
                                                                                                  Scheduled
                                                                                                                                 NULL
                                                                                                                                                                         0
5 rows in set (0.0011 sec)
        localhost:33060+ ssl bustrackingapp
                                                              > select * from tripstop;
 StopID | TripID | StopName | StopOrder | ArrivalTime
                                                                              | DepartureTime
                                                                                                          | NearbyFacilities |
                       Stop A
Stop B
Stop C
Stop D
Stop E
                                                    2025-01-19 08:30:00 |
2025-01-19 09:30:00 |
2025-01-19 10:30:00 |
2025-01-19 11:30:00 |
2025-01-19 12:30:00 |
                                                                                2025-01-19 08:45:00 |
2025-01-19 09:45:00 |
2025-01-19 10:45:00 |
2025-01-19 11:45:00 |
2025-01-19 12:45:00 |
                                                                                                           NULL
NULL
NULL
NULL
NULL
 rows in set (0.0010 sec)
MYSQL localhost:33060+ ssl | bustrackingapp | SQL > select * from user;
 UserID | Name
                              | Email
                                                                  | PhoneNumber | Password
                                                                                                     UserType
                                                                                                                   Address
                                                                                                                                                LoyaltyPoints | Preferences
                                                                                                                     123 Street, City
456 Avenue, City
789 Road, City
101 Boulevard, City
202 Parkway, City
                                                                  Passenger
Passenger
Driver
Passenger
Admin
                                                                                                                                                              100 |
200 |
0 |
150 |
                                                                                                                                                                     NULL
NULL
NULL
NULL
NULL
            John Doe
Alice Smith
Bob Johnson
Eve White
Charlie Brown
                                john.doe@example.com
alice.smith@example.com
bob.johnson@example.com
eve.white@example.com
charlie.brown@example.com
                                                                                     password123
password456
password789
password101
password202
```

> select * from maintenance;

MySQL localhost:33060+ ssl bustrackingapp

in set (0.0012