

Database Script :

```
CREATE TABLE Bus (  
  Bus_ID INT PRIMARY KEY,Arrival_Time TIMESTAMP ,Seat_Number INT NOT NULL,  
  Available_Seat INT NOT NULL,Departure_Location VARCHAR(255) NOT NULL,  
  Departure_Time TIMESTAMP ,Departure_Date TIMESTAMP ,  
  Destination VARCHAR(255) NOT NULL,Capacity INT NOT NULL,  
  Bus_Route VARCHAR(255) NOT NULL,Driver_ID INT,Administrator_ID INT,  
  FOREIGN KEY (Driver_ID) REFERENCES Driver(Driver_ID),  
  FOREIGN KEY (Administrator_ID) REFERENCES Administrator(Administrator_ID));
```

```
CREATE TABLE Customer (  
  Customer_ID INT PRIMARY KEY,Name VARCHAR(255) NOT NULL,Credit_Card INT NOT NULL,  
  Address VARCHAR(255) NOT NULL,Age INT NOT NULL,Gender VARCHAR(10) NOT NULL,  
  Email VARCHAR(255) NOT NULL>Password VARCHAR(255) NOT NULL,Birth_Date TIMESTAMP ,  
  Contact_Number VARCHAR(20) NOT NULL,Bus_ID INT,  
  FOREIGN KEY (Bus_ID) REFERENCES Bus(Bus_ID));
```

```
CREATE TABLE Ticket (  
  Ticket_ID INT PRIMARY KEY,Price DECIMAL(10,2) NOT NULL,  
  Discount_Amount DECIMAL(10,2) NOT NULL,Amount INT NOT NULL,  
  Customer_ID INT,FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID));
```

```
CREATE TABLE Administrator (  
  Administrator_ID INT PRIMARY KEY,UserName VARCHAR(255) NOT NULL,  
  Email VARCHAR(255) NOT NULL>Password VARCHAR(255) NOT NULL);
```

```
CREATE TABLE Trip (  
  Trip_ID INT PRIMARY KEY,Pick_Up_Point VARCHAR(255) NOT NULL,  
  trip_details VARCHAR(255) NOT NULL,price DECIMAL(10,2) NOT NULL,  
  status VARCHAR(20) NOT NULL,Administrator_ID INT NOT NULL,  
  FOREIGN KEY (Administrator_ID) REFERENCES Administrator(Administrator_ID));
```

```
CREATE TABLE ReserveTrip (  
  ReservedTrip_id INT PRIMARY KEY,trip_date TIMESTAMP ,  
  num_of_seats INT NOT NULL,status VARCHAR(20) NOT NULL,  
  Bus_ID INT NOT NULL,Trip_ID INT NOT NULL,  
  Customer_ID INT NOT NULL,FOREIGN KEY (Bus_ID) REFERENCES Bus(Bus_ID),  
  FOREIGN KEY (Trip_ID) REFERENCES Trip(Trip_ID),  
  FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID));
```

```
CREATE TABLE Driver (  
  Driver_ID INT PRIMARY KEY,Name VARCHAR(100) NOT NULL,age INT NOT NULL,  
  phone_number VARCHAR(20) NOT NULL,birth_date TIMESTAMP ,  
  Administrator_ID INT NOT NULL,  
  FOREIGN KEY (Administrator_ID) REFERENCES Administrator(Administrator_ID));
```

```
CREATE TABLE Feedback (  
  feedback_ID INT PRIMARY KEY,Feedback_description VARCHAR(255) NOT NULL,  
  Customer_ID INT NOT NULL,Trip_ID INT NOT NULL,  
  FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID),  
  FOREIGN KEY (Trip_ID) REFERENCES Trip(Trip_ID));
```

Procedures:

```
create or replace PROCEDURE GetFeedback
(
    Trip_ID IN NUMBER,feedbackCursor OUT SYS_REFCURSOR
)
AS
BEGIN
    OPEN feedbackCursor FOR
    SELECT Feedback_description, Customer_ID
    FROM Feedback
    WHERE Trip_ID = GetFeedback.Trip_ID;
END;
```

```
create or replace PROCEDURE viewBooking
(
    CUSTOMERID IN NUMBER,RESERVEDTRIPID OUT NUMBER,
    TRIPDATE OUT DATE,NUMOFSEATS OUT NUMBER,
    STAT OUT VARCHAR2,BUSID OUT NUMBER,TRIPID OUT NUMBER
)
AS
BEGIN
    SELECT RESERVEDTRIP_ID, TRIP_DATE, NUM_OF_SEATS, STATUS, BUS_ID, TRIP_ID
    INTO RESERVEDTRIPID, TRIPDATE, NUMOFSEATS, STAT, BUSID, TRIPID
    FROM RESERVETRIP
    WHERE RESERVETRIP.CUSTOMER_ID = CUSTOMER_ID;
END;
```