

```
CREATE DATABASE BusManagement;
```

```
USE BusManagement;
```

```
-- Fare table
```

```
CREATE TABLE fare (  
    fare_id INT PRIMARY KEY,  
    amount DECIMAL(10,2),  
    currency VARCHAR(10)  
);
```

```
-- Bus table
```

```
CREATE TABLE bus (  
    bus_id INT PRIMARY KEY,  
    bus_name VARCHAR(50),  
    type VARCHAR(20),  
    capacity INT,  
    fare_id INT,  
    FOREIGN KEY (fare_id) REFERENCES fare(fare_id)  
);
```

```
-- Route table
```

```
CREATE TABLE route (  
    route_id INT PRIMARY KEY,  
    source VARCHAR(50),  
    destination VARCHAR(50),  
    distance DECIMAL(10,2)
```

```
);
```

```
-- Stop table
```

```
CREATE TABLE stop (  
    stop_id INT PRIMARY KEY,  
    stop_name VARCHAR(50),  
    location VARCHAR(100)  
);
```

```
-- Path table
```

```
CREATE TABLE path (  
    path_id INT PRIMARY KEY,  
    route_id INT,  
    stop_id INT,  
    sequence_no INT,  
    FOREIGN KEY (route_id) REFERENCES route(route_id),  
    FOREIGN KEY (stop_id) REFERENCES stop(stop_id)  
);
```

```
-- Passenger table
```

```
CREATE TABLE passenger (  
    passenger_id INT PRIMARY KEY,  
    name VARCHAR(50),  
    address VARCHAR(100),  
    contact_no VARCHAR(15),  
    email_id VARCHAR(50)
```

```
);
```

```
-- Trip table
```

```
CREATE TABLE trip (  
    trip_id INT PRIMARY KEY,  
    route_id INT,  
    bus_id INT,  
    departure_time DATETIME,  
    arrival_time DATETIME,  
    driver_name VARCHAR(50),  
    FOREIGN KEY (route_id) REFERENCES route(route_id),  
    FOREIGN KEY (bus_id) REFERENCES bus(bus_id)  
);
```

```
-- Ticket table
```

```
CREATE TABLE ticket (  
    ticket_id INT PRIMARY KEY,  
    trip_id INT,  
    passenger_id INT,  
    boarding_stop_id INT,  
    dropping_stop_id INT,  
    seat_no INT,  
    FOREIGN KEY (trip_id) REFERENCES trip(trip_id),  
    FOREIGN KEY (passenger_id) REFERENCES passenger(passenger_id),  
    FOREIGN KEY (boarding_stop_id) REFERENCES stop(stop_id),  
    FOREIGN KEY (dropping_stop_id) REFERENCES stop(stop_id)  
);
```