CREATE DATABASE TicketBookingSystem;

USE TicketBookingSystem;

CREATE TABLE Venue (

venue\_id INT AUTO\_INCREMENT PRIMARY KEY,

venue\_name VARCHAR(100) NOT NULL,

address VARCHAR(255)

);

CREATE TABLE Event (

event\_id INT AUTO\_INCREMENT PRIMARY KEY,

event\_name VARCHAR(100) NOT NULL,

event\_date DATE NOT NULL,

event\_time TIME NOT NULL,

venue\_id INT,

total\_seats INT NOT NULL,

available\_seats INT NOT NULL,

ticket\_price DECIMAL(10,2) NOT NULL,

event\_type ENUM('Movie', 'Sports', 'Concert') NOT NULL,

FOREIGN KEY (venue\_id) REFERENCES Venue(venue\_id)

);

CREATE TABLE Customer (

customer\_id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_name VARCHAR(100) NOT NULL,

email VARCHAR(100),

phone\_number VARCHAR(15)

);

CREATE TABLE Booking (

booking\_id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT,

event\_id INT,

num\_tickets INT NOT NULL,

total\_cost DECIMAL NOT NULL,

booking\_date DATE NOT NULL,

FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id),

FOREIGN KEY (event\_id) REFERENCES Event(event\_id)

);