**MOVIES TICKET BOOKING**

**This will help the users to generate database on ticket booking for movies and also useful for the people,when the people want to spend their timing by watching movie in theatre this will help them to indentify the availability of the tickets in particular theatre.**

**MODULES :**

* **Users**
* **Movies**
* **Theaters**
* **Movie\_schedules**
* **bookings**

CREATE DATABASE movie\_ticket\_booking;

-- Use the database

USE movie\_ticket\_booking;

--Table for storing users

CREATE TABLE users (

user\_id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL,

password VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL

);

-- Table for storing movies

CREATE TABLE movies (

movie\_id INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(100) NOT NULL,

director VARCHAR(100),

release\_date DATE,

genre VARCHAR(50),

);

-- Table for storing theaters

CREATE TABLE theaters (

theater\_id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

location VARCHAR(100) NOT NULL

);

-- Table for storing movie\_schedules

CREATE TABLE movie\_schedules (

schedule\_id INT AUTO\_INCREMENT PRIMARY KEY,

movie\_id INT,

theater\_id INT,

start\_time DATETIME,

FOREIGN KEY (movie\_id) REFERENCES movies(movie\_id),

FOREIGN KEY (theater\_id) REFERENCES theaters(theater\_id)

);

-- Table for storing bookings

CREATE TABLE bookings (

booking\_id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT,

schedule\_id INT,

seat\_number VARCHAR(10),

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

FOREIGN KEY (schedule\_id) REFERENCES movie\_schedules(schedule\_id)

);

INSERT INTO users (username, password, email) VALUES

('user1', 'password1', 'user1@example.com'),

('user2', 'password2', 'user2@example.com'),

('user3', 'password3', 'user3@example.com'),

('user4', 'password4', 'user4@example.com'),

('user5', 'password5', 'user5@example.com'),

('user6', 'password6', 'user6@example.com'),

('user7', 'password7', 'user7@example.com'),

('user8', 'password8', 'user8@example.com'),

('user9', 'password9', 'user9@example.com'),

('user10', 'password10', 'user10@example.com');

INSERT INTO movies (title, director, release\_date, genre, description) VALUES

('The Shawshank Redemption', 'Frank Darabont', '1994-09-22', 'Drama'),

('The Godfather', 'Francis Ford Coppola', '1972-03-24', 'Crime, Drama'),

('The Dark Knight', 'Christopher Nolan', '2008-07-18', 'Action, Crime, Drama'),

('Pulp Fiction', 'Quentin Tarantino', '1994-10-14', 'Crime, Drama'),

('Schindler\'s List', 'Steven Spielberg', '1994-02-04', 'Biography, Drama, History'),

('Forrest Gump', 'Robert Zemeckis', '1994-07-06', 'Drama, Romance'),

('The Lord of the Rings: The Return of the King', 'Peter Jackson', '2003-12-17', 'Action, Adventure, Drama'),

('Inception', 'Christopher Nolan', '2010-07-16', 'Action, Adventure, Sci-Fi'),

('The Matrix', 'Lana Wachowski, Lilly Wachowski', '1999-03-31', 'Action, Sci-Fi'),

('Fight Club', 'David Fincher', '1999-10-15', 'Drama');

INSERT INTO theaters (name, location) VALUES

('Cineplex Cinemas', '123 Main Street, Cityville'),

('Regal Cinemas', '456 Elm Street, Townsville'),

('AMC Theatres', '789 Oak Street, Villageton'),

('Cinemark Theatres', '101 Pine Street, Hamletville'),

('Vue Cinemas', '234 Maple Street, Boroughburg'),

('Odeon Cinemas', '567 Cedar Street, Villagetown'),

('ArcLight Cinemas', '890 Birch Street, Metropolis'),

('Landmark Theatres', '111 Spruce Street, Hamletown'),

('Alamo Drafthouse Cinema', '222 Oakwood Street, Cityburg'),

('Palace Cinemas', '333 Pinecrest Street, Villagetown');

INSERT INTO theaters (name, location) VALUES

('Cineplex Cinemas', '123 Main Street, Cityville'),

('Regal Cinemas', '456 Elm Street, Townsville'),

('AMC Theatres', '789 Oak Street, Villageton'),

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('Landmark Theatres', '111 Spruce Street, Hamletown'),

('Alamo Drafthouse Cinema', '222 Oakwood Street, Cityburg'),

('Palace Cinemas', '333 Pinecrest Street, Villagetown');

INSERT INTO movie\_schedules (movie\_id, theater\_id, start\_time) VALUES

(1, 1, '2024-03-11 18:00:00'),

(2, 2, '2024-03-12 15:30:00'),

(3, 3, '2024-03-12 20:00:00'),

(4, 4, '2024-03-13 19:00:00'),

(5, 5, '2024-03-13 21:15:00'),

(6, 6, '2024-03-14 14:00:00'),

(7, 7, '2024-03-14 17:30:00'),

(8, 8, '2024-03-15 18:45:00'),

(9, 9, '2024-03-16 20:30:00'),

(10, 10, '2024-03-17 16:45:00');

INSERT INTO bookings (user\_id, schedule\_id, seat\_number) VALUES

(1, 1, 'A1'),

(2, 2, 'B3'),

(3, 3, 'C5'),

(4, 4, 'D2'),

(5, 5, 'E7'),

(6, 6, 'F4'),

(7, 7, 'G8'),

(8, 8, 'H6'),

(9, 9, 'I9'),

(10, 10, 'J10');



