Theatres

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| theatre\_id | INT (PK) |
| theatre\_name | VARCHAR(255) |
| city\_id | INT (FK) |
| address | VARCHAR(255) |
| contact\_number | VARCHAR(15) |

Cities

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| city\_id | INT (PK) |
| city\_name | VARCHAR(255) |

Movies

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| movie\_id | INT (PK) |
| movie\_title | VARCHAR(255) |
| genre\_id | INT (FK) |
| language\_id | INT (FK) |
| release\_date | DATE |

Genres

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| genre\_id | INT (PK) |
| genre\_name | VARCHAR(255) |

Languages

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| language\_id | INT (PK) |
| language\_name | VARCHAR(255) |

Shows

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| show\_id | INT (PK) |
| movie\_id | INT (FK) |
| theatre\_id | INT (FK) |
| show\_time | DATETIME |
| price | DECIMAL(10,2) |

Customers

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| customer\_id | INT (PK) |
| first\_name | VARCHAR(255) |
| last\_name | VARCHAR(255) |
| email | VARCHAR(255) |
| phone\_number | VARCHAR(15) |

Bookings

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| booking\_id | INT (PK) |
| customer\_id | INT (FK) |
| show\_id | INT (FK) |
| booking\_date | DATETIME |
| seats\_booked | INT |
| total\_amount | DECIMAL(10,2) |

Payments

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| payment\_id | INT (PK) |
| booking\_id | INT (FK) |
| payment\_date | DATETIME |
| payment\_status | VARCHAR(50) |
| amount\_paid | DECIMAL(10,2) |

CREATE TABLE City (

city\_id INT PRIMARY KEY,

city\_name VARCHAR(255) NOT NULL

);

CREATE TABLE Theatre (

theatre\_id INT PRIMARY KEY,

theatre\_name VARCHAR(255) NOT NULL,

city\_id INT,

address VARCHAR(255),

contact\_number VARCHAR(20),

FOREIGN KEY (city\_id) REFERENCES City(city\_id)

);

CREATE TABLE Genre (

genre\_id INT PRIMARY KEY,

genre\_name VARCHAR(255) NOT NULL

);

CREATE TABLE Language (

language\_id INT PRIMARY KEY,

language\_name VARCHAR(255) NOT NULL

);

CREATE TABLE Movie (

movie\_id INT PRIMARY KEY,

movie\_title VARCHAR(255) NOT NULL,

genre\_id INT,

language\_id INT,

release\_date DATE,

FOREIGN KEY (genre\_id) REFERENCES Genre(genre\_id),

FOREIGN KEY (language\_id) REFERENCES Language(language\_id)

);

CREATE TABLE Show (

show\_id INT PRIMARY KEY,

movie\_id INT,

theatre\_id INT,

show\_time DATETIME,

price DECIMAL(10, 2),

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

FOREIGN KEY (theatre\_id) REFERENCES Theatre(theatre\_id)

);

CREATE TABLE Customer (

customer\_id INT PRIMARY KEY,

first\_name VARCHAR(255),

last\_name VARCHAR(255),

email VARCHAR(255) UNIQUE,

phone\_number VARCHAR(20)

);

CREATE TABLE Booking (

booking\_id INT PRIMARY KEY,

customer\_id INT,

show\_id INT,

booking\_date DATETIME,

seats\_booked INT,

total\_amount DECIMAL(10, 2),

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

FOREIGN KEY (show\_id) REFERENCES Show(show\_id)

);

CREATE TABLE Payment (

payment\_id INT PRIMARY KEY,

booking\_id INT,

payment\_date DATETIME,

payment\_status VARCHAR(50),

amount\_paid DECIMAL(10, 2),

FOREIGN KEY (booking\_id) REFERENCES Booking(booking\_id)

);