User Table

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| user\_id | INT | Primary key, auto-incremented. |
| User\_name | VARCHAR | User's name. |
| user\_email | VARCHAR | User's email address (unique). |
| user\_phone | VARCHAR | User's phone number. |
| dob | DATE | User's date of birth. |

Theater Table

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| theater\_id | INT | Primary key, auto-incremented. |
| theater\_name | VARCHAR | Name of the theater. |
| owner | VARCHAR | Owner of the theater. |
| location | VARCHAR | Location of the theater. |
| email | VARCHAR | Email address of the theater. |
| phone | VARCHAR | Phone number of the theater. |

Login Table

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| id | INT | Primary key, auto-incremented. |
| email | VARCHAR | Email address of the user. |
| password | VARCHAR | User's password (hashed and salted). |
| usertype | VARCHAR | Type of user (e.g., 'admin', 'user'). |
| status | VARCHAR | User status (e.g., Pending, Approved). |

Theater Screen Table

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| screen\_id | INT | Primary key, auto-incremented. |
| theater\_id | INT | Foreign key referencing Theater table. |
| screen\_name | VARCHAR | Name or identifier for the screen. |
| rows | INT | Number of rows in the theater hall. |
| cols | INT | Number of columns in the theater hall. |
| seat\_arrangement | TEXT | Layout arrangement. |
| screen\_type | VARCHAR | Type of screen (e.g., 'IMAX ,3D'). |
| room\_type | VARCHAR | Type of room (e.g., 'AC' or 'Non-AC'). |

ShowTime

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| time\_id | INT | Primary key, auto-incremented. |
| theater\_id | INT | Foreign key referencing Theater table. |
| screen\_id | INT | Foreign key referencing Theater Screen table. |
| show\_time | DATETIME | Date and time of the showtime. |

Movie Table

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| movie\_id | INT | Primary key, auto-incremented. |
| title | VARCHAR | Title of the movie. |
| genre | VARCHAR | Genre of the movie. |
| duration | INT | Duration of the movie in minutes. |
| release\_date | DATE | Release date of the movie. |
| language | VARCHAR | Language of the movie. |
| description | TEXT | Description or summary of the movie. |
| director | VARCHAR | Director of the movie. |
| production | VARCHAR | Production company of the movie. |
| cast | TEXT | Cast and actors in the movie. |
| poster\_url | VARCHAR | URL to the movie's poster image. |
| trailer\_url | VARCHAR | URL to the movie's trailer video. |

Theater Screening

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| screening\_id | INT | Primary key, auto-incremented. |
| theater\_id | INT | Foreign key referencing Theater table. |
| screen\_id | INT | Foreign key referencing TheaterScreen table. |
| movie\_id | INT | Foreign key referencing Movie table. |

Booking Table

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| booking\_id | INT | Primary key, auto-incremented. |
| user\_id | INT | Foreign key referencing User table. |
| movie\_id | INT | Foreign key referencing Movie table. |
| theater\_id | INT | Foreign key referencing Theater table. |
| screen\_id | INT | Foreign key referencing TheaterScreen table. |
| showtime\_id | INT | Foreign key referencing ShowTime table. |
| seat\_number | VARCHAR | Selected Seats |
| status | VARCHAR | Booking status (e.g., 'confirmed', 'cancelled'). |
| booking\_date | DATETIME | Date and time when the booking was made. |

Saved Movies

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| saved\_id | INT | Primary key, auto-incremented. |
| user\_id | INT | Foreign key referencing User table. |
| movie\_id | INT | Foreign key referencing Movie table. |

Hostuser Table

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Description** |
| \_id | Integer | Unique identifier for each host user. |
| hostname | Varchar | Store name of host user |
| email | Varchar | Store email of host user |
| contactNumber | Number | Store contact number of host user |

Event Table

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Description** |
| \_id | Integer | Unique identifier for each event. |
| userid | Integer | Store userid |
| event\_name | varchar | The name of the event. |
| event\_type | varchar | The type or category of the event. |
| location | varchar | The location where the event is taking place. |
| event\_date | Date | The date of the event. |
| Event\_time | Time | The Time of the event |
| ticket\_price | Integer | The price of tickets for the event. |
| ticket\_availability | Integer | Information about ticket availability. |
| organizer | Varchar | The organization or person organizing the event. |
| description | Varchar | A detailed description or details about the event. |
| poster\_url | Varchar | The URL of the image associated with the event. |
| seat\_Arrangement | Varchar | Store Arrangement of seats |
| status | Varchar | Store Status |
| rows | Integer | Store number of rows in seating arrangement |
| cols | Integer | Store number of columns in seating arrangement |

Event booking Table

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Description** |
| \_id | Integer | Unique identifier for each booking. |
| userid | Integer | The ID of the user making the booking. |
| eventid | Integer | The ID of the event being booked. |
| status | VARCHAR | The status of the booking (e.g., 'Pending', 'Confirmed'). |
| booking\_date | Date | The date when the booking was made. |
| seat\_number | VARCHAR | The seat number(s) associated with the booking. |

Favourite table

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Description** |
| \_id | Integer | Unique identifier for each favorite event entry. |
| userid | Integer | The ID of the user marking the event as favorite. |
| Item\_id | Integer | The ID of the event marked as a favorite. |

Shortfilm table

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Description** |
| \_id | Integer | Unique identifier for each short film entry. |
| title | VARCHAR | The title of the short film. |
| director | VARCHAR | The director of the short film. |
| release\_date | DATE | The release date of the short film. |
| duration | Time | The duration of the short film. |
| description | VARCHAR | A detailed description or details about the short film. |
| poster\_url | VARCHAR | The URL of the image associated with the short film. |
| file\_url | Varchar | Video file path |
| status | VARCHAR | The status of the short film (e.g., 'Released', 'Pending'). |