|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Data Type |
| 1. User ID (Uid) | Primary | Unique ID For Users | Number(32) |
| 1. User Name | Not NULL | Customer’s Login Name | Varchar(32) |
| 1. Password | Not NULL | Password used by each user to login | Varchar(32) |
| 1. Email | Not NULL | Email of customer | Varchar(32) |
| 1. First Name | Not NULL | First name Of the Customer | Varchar(32) |
| 1. Last Name | Not NULL | Last Name Of the Customer | Varchar(32) |
| 1. Address | Not NULL | Address of the customer | Varchar(32) |
| 1. Mobile Number | Exact 10 interger values | Contact Number | Number(10) |
| 1. RID | Foreign Key from Roles Table | Role Of the User | Number |
| 1. SID | Default Value = 0 | Session Ids | Number |
| 1. Login Time |  | Previous login time of the user | Timestamp |
| 1. Logout Time |  | Previous logout time of the user | timestamp |

1. Users
2. Roles

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1. Rid | Not NULL Primary Key | Role ID of the User | Number |
| 1. Role | Not NULL | Who is using the system | Varchar(20) |

1. Cities

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1. City\_id | Primary Key | Unique ID for City | Number |
| 2. City | Not NULL | Name of the City | Varchar(20) |

1. Theatres

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1. Theatre\_id | Primary Key | Unique ID for the theatres | Number |
| 2. City\_id | Foreign Key from Cities | Unique ID for the city | Number |
| 3. Theatre Name | Not Null | Name of the Theatre | Varchar(20) |
| 4. Manager |  | Name of the manager of the theatre | Varchar(20) |

1. Screens

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1. Screen\_ID | Primary Key | Unique Id for the Screen in Theatre | Number |
| 2.Screen Name | Not NULL | Name of the Screen | Varchar(20) |
| 3. Theatre\_Id | Not NULL | Unique Id for the Theatre | Number(20) |
| 4.Movie ID | Foreign Key | Unique ID for the movies | Varchar(20) |
| 5. Screen\_Capacity | Not NULL | Capacity of the Screens | Number |

1. Show Timings

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1.Show\_Time\_Id | Primary key | Unique ID for each Show timing | Number |
| 2. Time | Not NULL | Show timing for the Movie | varchar |

1. Movies

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constrains | Description | Datatype |
| 1.Movie\_id | Primary Key | Unique Id for the movie | Number |
| 2. Movie\_name | Not NULL | Name of the Movie | Varchar(20) |
| 3. Movie\_director |  | Name of the director the Movie | Varchar(20) |
| 4.Movie\_cast |  | Hero , Heroine and the main cast of the movie | Varchar(50) |
| 5.Movie\_description |  | Description of the movie | Varchar(20) |
| 6.Movie\_Poster | Not NULL | Image of the movie | Blob |
| 7.Language | Not NULL | Language in which the movie is released | Varchar(20) |
| 9.IsLive | Yes or No | Whether the movie Is runnig Or not | Varchar(20) |

1. Theatre Show Timing

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1. Theatre\_Show\_time\_id | Primary Key | Unique | Number |
| 2.Screen\_ID | Foreign Key from screen table | Unique Screen Id for a screen in a theatre | Number |
| 3. Show\_time\_id | Foreign Key from Show time table | Unique id for each time | Number |
| 4. Date Starts | Not NULL | Date from which the movie is screened | Date |
| 5.Date ends | Not NULL | Date on which the movie is stopped screening | Date |

1. Ticket Rate

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1.Ticket\_rate\_id | Primary Key | Unique Id For each Ticket Rate | Number |
| 2.Ticket\_type | Silver, Gold, Platinum | Type of the ticket the customer is willing to purchase | Varchar(20) |
| 3.Price | Not NULL | Price of the ticket | Number |

1. Booking Ticket for Theatre

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Constraints | Description | Datatype |
| 1. Booking\_id | Primary Key | Unique ID for each Booking | Number |
| 2.User\_id | Foreign Key from User Table | Unique Id For the User | Number |
| 3.Theatre\_Showtime\_Id | Foreign Key From Theatre Showtiming Table | Id for the Showtiming in a theatre | Number |
| 4. Date of Booking | Not NULL | Date of booking the ticket | Date |
| 5. Ticket\_rate\_id | Not NULL | Unique Id for the ticket Rate | Number |
| 6. Total amount | Not NULL | Total amount for which the tickets are booked | Number |
| 7.No of Seats | Not NULL | No of seats selected by the user | Number |
| 8.Seat\_Number | Not NULL | Seat Numbers Selected By the user | Varchar(50) |