**18CSC303 – Database Design**

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**Application Name**: BookMyShow

**Description:** BookMyShow is an Indian based online ticket booking company for movies,shows and live events and concerts. They also provide an option to users to rent or buy the movie all over the world.

This app made all the users easily to book any movie or show form anywhere across the world which results in more advantages to the users where they can choose their own theatres and their seats as they wish. The profits they make are from partnerships from Big Indian production houses like INOX,PVR,BigCinemas etc..

**Questions:**

Book My Show is an application used to book movie tickets only. Atleast before few years but now….

WHY ??? DO BOOK MY SHOW HAVE AMUSEMENT PARK TICKETS AND CONDUCTING WORKSHOP EVENTS ?

WHAT ARE THE BENEFITS THEY GET FROM BRINGING THESE FEATURES TO THEIR APPLICATION ?

Types of Operations:

|  |  |
| --- | --- |
| operations | Additional info |
| add | Insert into table name |
| delete | Delete from table name |
| search | Select from table name |
| display | Select \* from table name |

Form names and description:

|  |  |  |  |
| --- | --- | --- | --- |
| name | type | Table related information | operations |
| category | Master form | User category | Delete, search, display, add |
| user | transaction | User table |  |

**Tables:**

**User Table:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User\_ID** | **Username** | **Mobile No** | **Gender** | **email** | **Location** |

**Master table 1: Bookings**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Booking\_ID** | **Username** | **No.Of.Tickets** | **Seat No** | **Show Time** | **Venue** | **Date** |
|  |  |  |  |  |  |  |

**Transaction table 1: Movies**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Movie\_ID** | **Movie Name** | **Genre** | **Run Time** | **Booking\_ID** |
|  |  |  |  |  |

**Master table 2: Payments**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Payment\_ID** | **Name of the Payee** | **Amount Paid** | **Payment\_Status** | **Mode of Payment** |
|  |  |  |  |  |

**Transaction table 2: Theatres**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Theatre\_ID** | **Theatre\_Name** | **Capacity** | **Venue** | **Payment\_ID** |
|  |  |  |  |  |

**Master Table 3: Seats**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Seat\_ID** | **Seat\_No** | **Class** | **Price** | **Seat Type** | **Venue** | **Screen\_No** | **Capacity** |
|  |  |  |  |  |  |  |  |

**Transaction Table 3: Theatre Experience**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seat\_ID** | **Username** | **User\_Experience** | **Ratings** | **Feedback** | **Contact Details** |
|  |  |  |  |  |  |

**Master Table 4: Movie Review**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Review\_ID** | **Movie Name** | **Movie Ratings** | **Review Text** | **Date of Review** | **Helpful Votes** |
|  |  |  |  |  |  |

**Transaction Table 4: Favourites**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Username** | **Movie Name** | **Favourite Part** | **Change one thing** | **Review\_ID** |
|  |  |  |  |  |

**Master Table 5: Cast**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Actor\_ID** | **Actor\_Name** | **Gender** | **DOB** | **Nationality** | **Known For** | **Movie Count** |
|  |  |  |  |  |  |  |

**Transaction Table 5: Cast Appearance**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Appearance\_ID** | **Actor\_ID** | **Director\_Name** | **Role** | **Appearance Date** |
|  |  |  |  |  |

**Transaction Table 6: Awards**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Award\_ID** | **Actor\_ID** | **Award Name** | **Award Category** | **Award Date** |
|  |  |  |  |  |