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MYTITLE NAME : ONLINE MOVIE BOOKING SYSTEM

INTRODUTION:

Movie Booking System (MBS) is a software solution designed to streamline and automate various tasks involved in managing movie tickets. It mainly consists of movie booking details, movie ticket, customer, movie, theatre and screen.

Movie Booking system is a centralized solution/software to the customers who are able to login into it through website URL with his/her personal mail and other personal identifiers and try to book a ticket to watch a movie. In that website there are multiple movies available with theatres, screens, show timings, ticket price details, seat availability and the date to have a fun and entertainment. Users/customers can select the required and have good time while watching movie.

Here is an Entity Relationship model for the movie ticketing database:

**ENTITIES:**

* MOVIE BOOKING
* CUSTOMER
* THREATER
* SCREEN
* MOVIE SEAT
* MOVIE TICKET

**ATTRIBUTES:**

* MOVIE BOOKING

1.Url

2.Website

3.customerid

* CUSTOMER

1.Customer id

2.Name

3.Date Of Birth

4.Age

5.Email

6.Cantact no

* THREATER

1.Theater id

2.Name

3.Location

4.city

* Movies

1.Movie id

2.Title

3.Show Time

4.Show end time

* SCREEN

1.Screen id

2.Theater id

3.Nuber Of Seat

* MOVIE SEAT

1.Seat id

2.Screen id

3.Seat Number

* MOVIE TICKET

1.Ticket id

2.customer id

3.Movie id

4.Screen id

5.Seat id

6.Show Time

7.Booking Date

8.Price

**RELATIONSHIPS:**

1.Movie Booing can book one customer(One-To-One)

2.A customer can book many movie tickets(One-To-Many)

3.A movie tickect is booked by one customer(Many-To -ono)

5. A theater has many screens (One-To-Many).

6. A screen belongs to one theater (Many-To-One).

7. A screen has many movie seats (One-To-Many).

8. A movie seat belongs to one screen (Many-To-One).

9. A movie is shown on many screens (Many-To-Many).

10. A screen shows many movies (Many-To-Many).

11. A movie ticket is for one movie and one screen (Many-To-One).

**Entity Relationship Diagram of Online Movie Booking System**

runs

CUSTOMER

MOVIE BOOKING

has

run

MOVIE TICKET

SCREEN

THEATRE

has

has

run

MOVIE

