

# **Project Report**

## **“Movie-Ticket-Booking-System”**



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# **Database Management System Lab**

Course Code: CSL5401

Branch:B.Tech-CSE1

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# **Project Topic**

“Design and implement an Online Movie Ticket Booking system using PHP and MySQL”

## **Introduction**

Online movie ticket booking system is an interface between the user and admin responsible for booking movie tickets online.

This is a newly designed website for movie ticket booking which is a faster, cleaner website, specially designed to make your booking experience better. Log on, navigate and find out a good movie for yourself. Customers may view the contents of any movie show at any time and may book any movie ticket as needed. The program automatically calculates the subtotal and grand total. When a visitor decides to finally book the ticket, the order information including the buyer's name, address and billing instruction is stored in the database securely and payment takes place. You need to register a new user whenever you have first visited the site, then for future it will be stored in our database permanently and you can book your movie ticket at any time you want with this username and password.

# About Movie Ticket Booking System Project

Movie Ticket Booking System, back-end coded with PHP and front-end coded with **Bootstrap**, **CSS**, **HTML**, and **Javascript** and used **MySql** in the database.

Moving on, this movie ticket booking system project in **PHP** focuses mainly on dealing with customers, theater management regarding their bookings, and other parts of the management side. Also, the system allows customer to login or register if he/she does not have an account for booking stuff. The project is divided into three categories: Client-Side, Admin panel, and Theatre Panel. In an overview of this website (referring to client-side), the customers can view the numbers of available movies, upcoming movies, and top movie trailers of each.

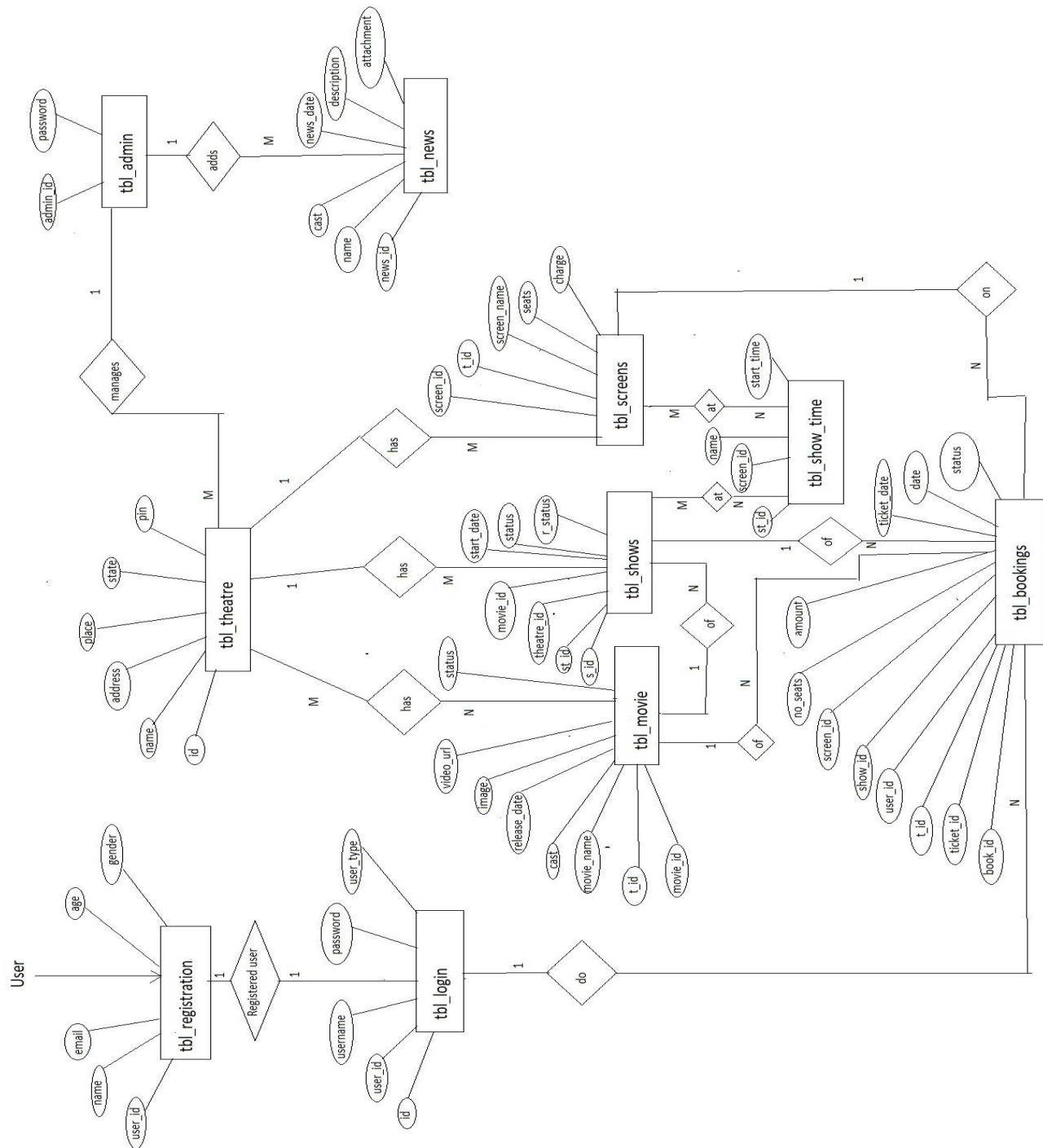
Talking more about the project, the system displays show details of each if available, then the customer can simply select show timing and number of tickets for proceeding towards the payment section. After all this process, the customer can view his/her booking history with a booking ID, name of the movie, number of tickets, and total ticket amount.

## Available Features:

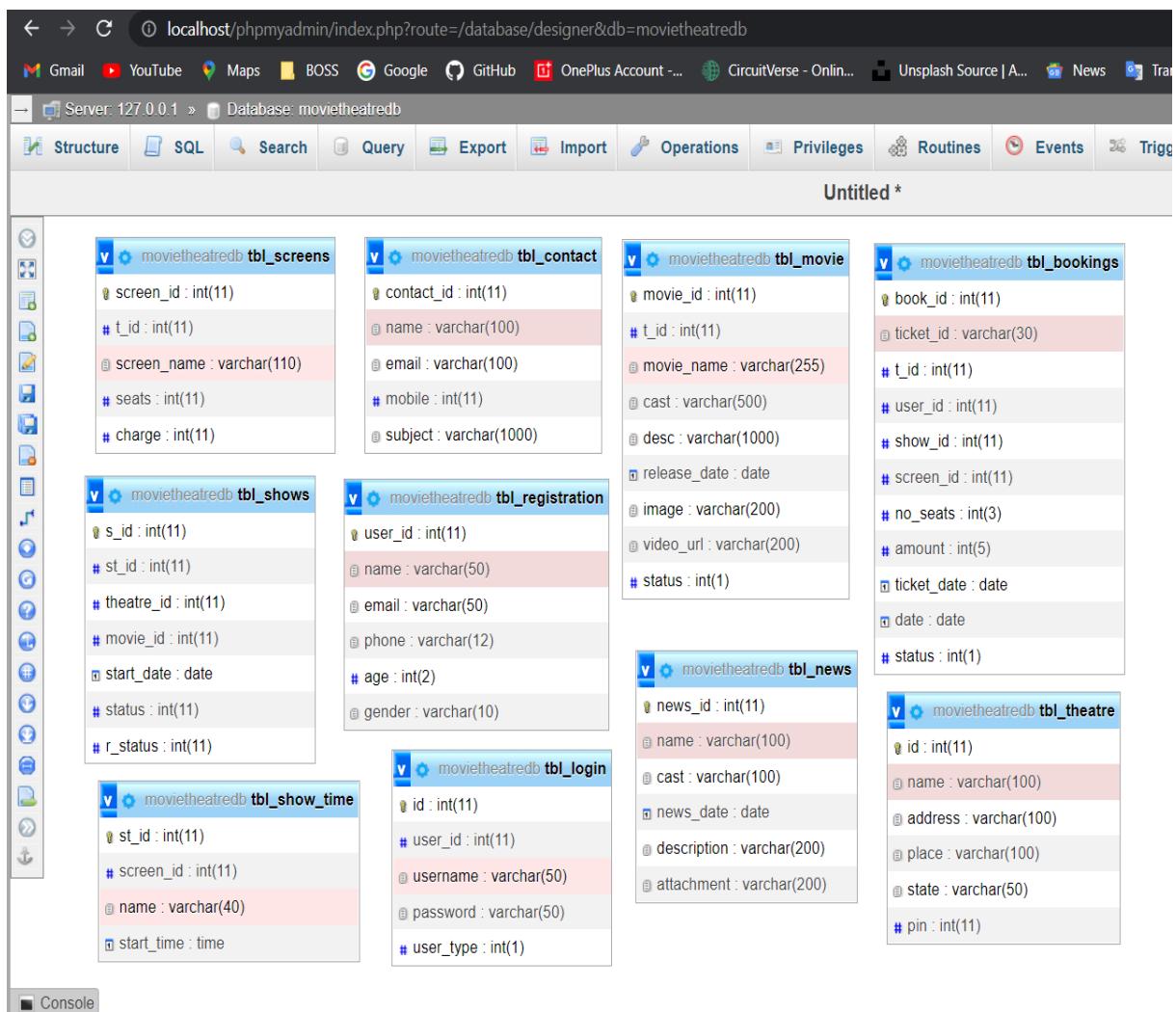
- Client-Side
- Admin Panel
- Theatre Panel
- Customer registration
- Upcoming movies, trailers, now showings
- Make bookings
- Payments
- Movie arrangements
- List upcoming movie details
- Arrange movie screens and show timings
- Start and Stop running shows

# Diagrams and Tables

- ER Diagram



## ● Schema Diagram



## **SYSTEM REQUIREMENTS**

### **Software Specification**

**Platform:** Windows, Mac

**Front-end:** HTML, CSS, PHP

**Backend:** Xampp

# Brief overview of the technology:

## Front-end: HTML, CSS

- **HTML**: Hypertext Markup Language (HTML) is the standard markup language for creating web pages and applications. Each page contains a series of connections to other pages called hyperlinks.
- **CSS**: Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. CSS is designed primarily to enable the separation of presentation and content, including aspects such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple HTML pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.
- **Bootstrap**: responsive design mobile friendly site.
- **JavaScript**: it is a programming language, commonly used with web browsers.

## Back-end: PHP, MySQL

- **PHP**: Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request.

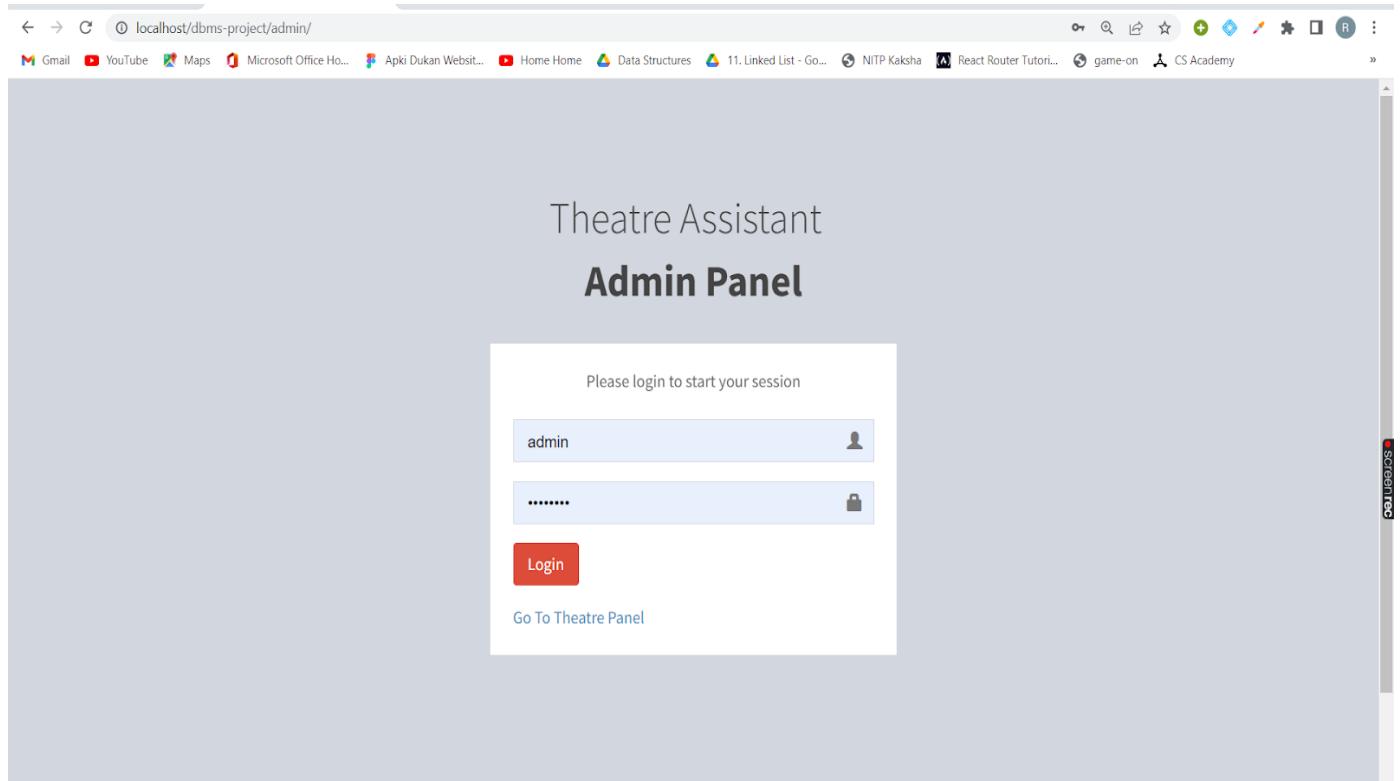
PHP is a widely used open source general purpose scripting language that is especially suited for web development and can be embedded into HTML basically, a server-side scripting language designed primarily for web development but also used as a general-purpose programming language.

- **MySQL**: MySQL is a database, widely used for accessing, querying, updating, and managing data in databases.

## **Admin Features :**

- Login
- Add Movies.
- Edit Movies.
- Delete Movies
- User details.
- Add Theatre
- All Crud Operations.

### **➤ Admin Login**



## Admin can Insert movie into movie Table:

```
INSERT INTO `tbl_movie`(`movie_id`, `t_id`, `movie_name`, `cast`, `desc`, `release_date`,  
`image`, `video_url`, `status`) VALUES ('[value-1]', '[value-2]', '[value-3]', '[value-4]', '[value-  
5]', '[value-6]', '[value-7]', '[value-8]', '[value-9]')
```

The screenshot shows the DBMS Admin interface with a sidebar on the left containing links for Home, Add Theatre, and Upcoming Movie News. The main content area is titled 'Add Upcoming Movie News'. It includes fields for 'Movie name' (Salaam Venky), 'Cast' (Kajol, Vishal Jethva, Ahana Kumra, Rahul Bose, Prakash Raj, Rajeev Khandelwal), 'Release Date' (09-12-2022), 'Description' (Salaam Venky is an upcoming Indian Hindi-language drama film directed by Revathi.), and 'Images' (Choose File: Salaam\_Venky.jpg). A green 'Add News' button is at the bottom.

## Admin can add theatre:

```
INSERT INTO `tbl_login`(`id`, `user_id`, `username`, `password`, `user_type`) VALUES  
('[value-1]', '[value-2]', '[value-3]', '[value-4]', '[value-5]')
```

The screenshot shows the DBMS Admin interface with a sidebar on the left containing links for Home, Add Theatre, and Upcoming Movie News. The main content area is titled 'Add Theatre'. It includes fields for 'Theatre Name' (DBMS Project Theatre), 'Theatre Address' (Nano building, NIT Patna), 'Place' (First Floor), 'State' (Bihar), 'Pin Code' (800005), 'Username' (dbms\_project\_Theatre), and 'Password' (dbms). A green 'Add Theatre' button is at the bottom.

The screenshot shows the DBMS Admin interface. On the left, there's a sidebar with a user icon labeled 'Administrator' and status 'Online'. Below it are links for 'Home', 'Add Theatre', and 'Upcoming Movie News'. The main content area has a header 'Theater Details' and a breadcrumb trail 'Home > Add Theater > Add Theater Details'. It contains two sections: 'General Details' and 'Screen Details'. The 'General Details' section includes fields for Theater Name ('DBMS Project Theatre'), Theater Address ('Nano building, NIT Patna'), Place ('First Floor'), State ('Bihar'), and Pin ('800005'). The 'Screen Details' section has a button '+Add Screen'.

## Admin can add Screen details of available movie with the help of movie\_id:

```
INSERT INTO `tbl_screens`(`screen_id`, `t_id`, `screen_name`, `seats`, `charge`) VALUES  
('[value-1]', '[value-2]', '[value-3]', '[value-4]', '[value-5]')
```

This screenshot shows the same DBMS Admin interface as above, but with a modal window open over the 'Screen Details' section. The modal is titled '+ Add Screen' and contains three input fields: 'Small' (in a dropdown menu), '100' (in a text input field), and '50' (in a dropdown menu). A green 'Save' button is at the bottom of the modal. The background shows the general theater details and the '+Add Screen' button.

The screenshot shows the DBMS Admin interface. On the left, there's a sidebar with a user icon labeled "Administrator Online". Below it are links for "Home", "Add Theatre", and "Upcoming Movie News". The main content area has a header "Theater Details" and a sub-header "General Details". It lists theater information: Name (DBMS Project Theatre), Address (Nano building, NIT Patna), Place (First Floor), State (Bihar), and Pin (800005). Below this is a section titled "Screen Details" with a table showing three screens: Small (100 seats, 50 charge), Medium (70 seats, 100 charge), and Large (50 seats, 200 charge). Each screen row has a button "+Add Show Times".

## Admin can add show for any available movie

```
INSERT INTO `tbl_shows`(`s_id`, `st_id`, `theatre_id`, `movie_id`, `start_date`, `status`, `r_status`) VALUES ('[value-1]', '[value-2]', '[value-3]', '[value-4]', '[value-5]', '[value-6]', '[value-7]')
```

This screenshot shows a modal window titled "+ Add Show Time" overlaid on the previous screen details page. The modal has fields for "Select Show" (set to "First") and "Show Starting Time" (set to "09:00"). At the bottom is a green "Save" button.

The screenshot shows a web-based administration interface for a DBMS project. The left sidebar has a dark theme with a user icon and the text "Administrator Online". The main content area has a blue header bar with the title "DBMS Admin". Below the header, there are two sections: "Theater Details" and "Screen Details".

**Theater Details:**

- General Details:**

Theater Name	DBMS Project Theatre
Theater Address	Nano building, NIT Patna
Place	First Floor
State	Bihar
Pin	800005

**Screen Details:**

Slno	Screen Name	Seats	Charge	Show Time
1	Small	100	50	09:00 am ,
2	Medium	70	100	12:00 pm ,
3	Large	50	200	04:00 pm ,

Buttons on the right side of the screen details section include: "Add Screen" (blue), "Add Show Times" (orange), and three additional "Add Show Times" buttons (orange).

## Query to view the list of all available movies:

```

<?php
$qry7=mysqli_query($con,"select * from tbl_movie");
if(mysqli_num_rows($qry7))
{
    while($c=mysqli_fetch_array($qry7))
    {
?>
<li>
    <span class="handle">
        <i class="fa fa-film"></i>
    </span>
    <span class="text"><?php echo $c['movie_name'];?></span>
    <div class="tools">
        <button class="fa fa-trash-o" onclick="del(<?php echo
$c['movie_id'];?>)"></button>
    </div>
</li>
<?php
    } }
?>

```

The screenshot shows a web browser window with the URL `localhost/dbms-project/admin/pages/index.php`. The page title is "DBMS Admin". On the left, there is a sidebar with a user icon labeled "Administrator" and status "Online". The sidebar includes links for "Home", "Add Theatre", and "Upcoming Movie News". The main content area is titled "Movies List" and displays a list of movies with their names: "Golmaal 3", "Bhool Bhulaiyaa", "3 idiots", "Phir Hera Pheri", and "Chachi 420". A "ScreenRec" watermark is visible on the right side of the page.

## Admin can delete any movie:

```
DELETE FROM tbl_movie WHERE `tbl_movie`.`movie_id` = 1"
```

The screenshot shows the same web browser window after a movie has been deleted. The "ScreenRec" watermark is present. The "Movies List" page now shows the same five movies, but the entry for "Golmaal 3" has been removed, and a small red "Delete" icon is visible where the movie's name would have been.

localhost/dbms-project/admin/pages/index.php

Gmail YouTube Maps Microsoft Office Ho... Apki Dukan Websit... Home Home Data Structures 11.Linked List - Go... NITP Kaksha React Router Tutori... game-on CS Academy

## DBMS Admin

Administrator Online

- Home
- Add Theatre
- Upcoming Movie News

### Movies List

**Success!**  
Movie deleted successfully

Golmaal 3
Bhool Bhulaiyaa
3 idiots
Phir Hera Pheri

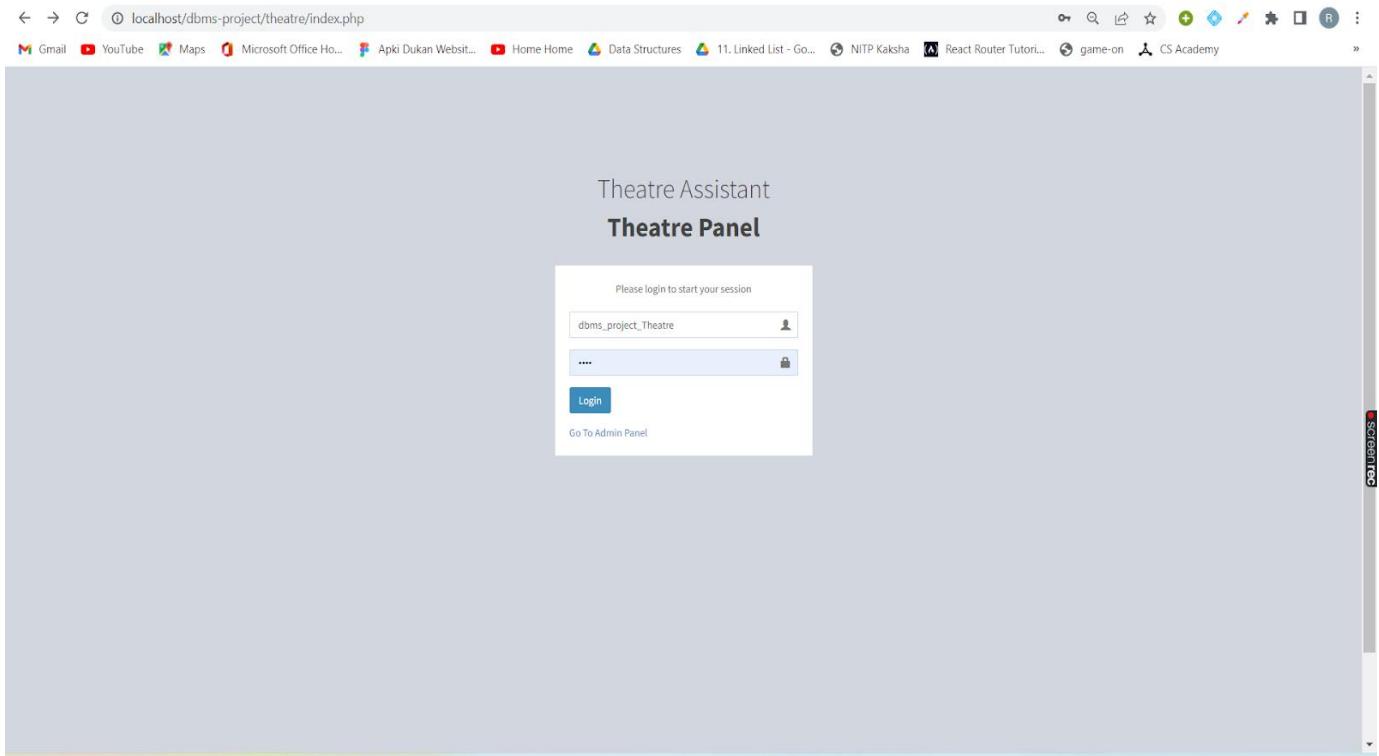
Home > Movies List

Schedule

## Theatre Features :

- Add Movies.
- Edit Movies.
- Delete Movies
- User details.
- All Crud Operations

## Theatre Assistant Login:



## Theatre Assistant can add show for any available movie:

```
INSERT INTO `tbl_shows`(`s_id`, `st_id`, `theatre_id`, `movie_id`, `start_date`, `status`,  
`r_status`) VALUES ('[value-1]', '[value-2]', '[value-3]', '[value-4]', '[value-5]', '[value-6]', '[value-7]')
```

This screenshot shows the 'Add Show' page of the DBMS Project Theatre application. The page has a header 'DBMS Project Theatre' and a sidebar with navigation links like Home, Add Movie, View Movies, Add Show, Todays Shows, Todays Bookings, View Show, and Theatre Details. The main content area is titled 'Add Show' and contains four input fields: 'Select Movie' (set to 'Golmaal 3'), 'Select Screen' (set to 'Medium'), 'Select Show Times' (set to 'Noon [12:00:00]'), and 'Start Date' (set to '24-11-2022'). A green 'Add Show' button is at the bottom.

This screenshot shows the same 'Add Show' page as above, but with a green success message box at the top stating 'Success! Show Added'. The rest of the page is identical to the first screenshot, showing the form fields and the 'Add Show' button.

localhost/dbms-project/theatre/pages/add\_theatre\_2.php

DBMS Project Theatre

Theater Details

General Details

Theater Name	DBMS Project Theatre
Theater Address	Nano building, NIT Patna
Place	First Floor
State	Bihar
Pin	800005

Screen Details

Sno	Screen Name	Seats	Charge	Show Time	Add Screen
1	Small	100	50	09:00 am,	+Add Show Times
2	Medium	70	100	12:00 pm ,	+Add Show Times
3	Large	50	200	04:00 pm ,	+Add Show Times

DBMS Project Theatre

Home > Theater Details

Home Add Movie View Movies Add Show Todays Shows Todays Bookings View Show Theatre Details

localhost/dbms-project/theatre/pages/add\_theatre\_2.php

DBMS Project Theatre

Theater Details

General Details

+ Add Show Time

Select Show

Noon

Show Starting Time

22:00

Save

DBMS Project Theatre

Home > Theater Details

Home Add Movie View Movies Add Show Todays Shows Todays Bookings View Show Theatre Details

SL.no	Screen	Show Time	Movie	Options
1	Small	09:00 PM ( Matinee Show )	3 idiots	<button>Start Running</button> <button>Stop Show</button>
2	Medium	12:00 PM ( Noon Show )	Phir Hera Pheri	<button>Start Running</button> <button>Stop Show</button>

## Theatre Assistant can change running status:

```
mysqli_query($con,"update tbl_shows set r_status='".$status' where s_id='".$id"');  
$_SESSION['success']="Running Status Updated";
```

SL.no	Screen	Show Time	Movie	Options
1	Small	09:00 PM ( Matinee Show )	3 idiots	<button>Stop Running</button> <button>Stop Show</button>
2	Medium	12:00 PM ( Matinee Show )	Phir Hera Pheri	<button>Start Running</button> <button>Stop Show</button>

## Theatre Assistant can see added shows details:

```
$qry8=mysqli_query($con,"select * from tbl_shows where r_status=1 and theatre_id=\"".$_SESSION['theatre']."");
```

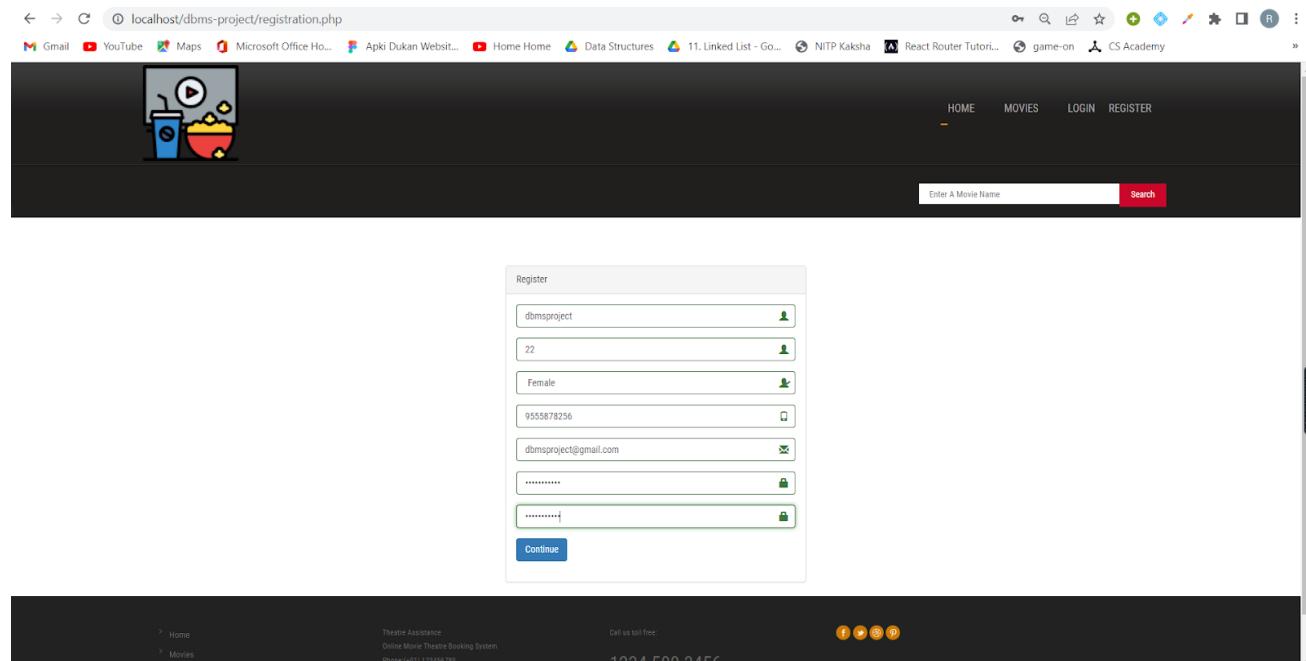
The screenshot shows a web browser window with the URL `localhost/dbms-project/theatre/pages/todays_shows.php`. The page title is "DBMS Project Theatre". On the left, there is a sidebar menu with the following items: Home, Add Movie, View Movies, Add Show, Todays Shows (selected), Todays Bookings, View Show, and Theatre Details. The main content area is titled "Todays Shows" and contains a table titled "Available Shows". The table has four columns: "Sl.no", "Screen", "Show Time", and "Movie". There are two rows of data:

Sl.no	Screen	Show Time	Movie
1	Small	09:00 PM (Matinee Show)	3 idiots
2	Medium	12:00 PM (Noon Show)	Phir Hera Pheri

# Functionalities of Users:

## User Register

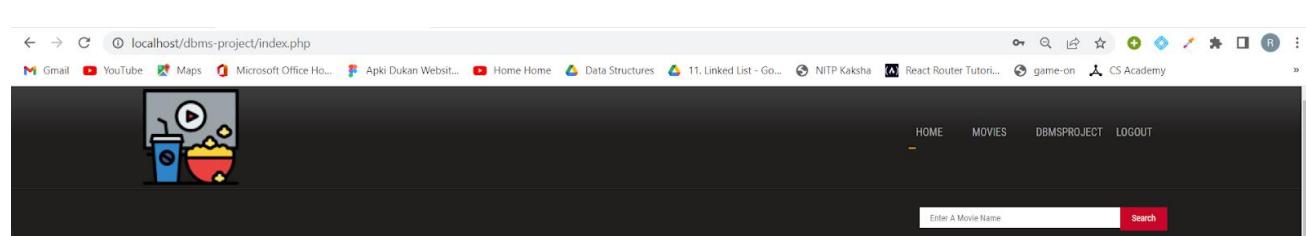
```
INSERT INTO `tbl_login` (`id`, `user_id`, `username`, `password`, `user_type`) VALUES ('11', '101', 'dbmsproject@gmail.com', 'password', '2');
```



The screenshot shows a registration form titled "Register". The fields are as follows:

- Username: dbmsproject
- Age: 22
- Gender: Female
- Phone Number: 9555878256
- Email: dbmsproject@gmail.com
- Password: (two fields, both obscured)

A "Continue" button is located at the bottom of the form.



The screenshot shows a login page with a search bar and navigation links:

- Home
- Movies
- DBMSPROJECT
- Logout

A "Search" button is located next to the search bar.



The screenshot shows the homepage with three main sections:

- Upcoming Movies:**
  - DRISHYAM 2**  
Cast: Ajay Devgan, Tabu, Akshay Khanna, Shriya Saran, Ranbir Kapoor, Ishita Dutta  
Release Date: 2022-12-18
  - Salaam Verky**  
Cast: Kapoor, Vishal Jethva, Ahana Kumra, Rahul Bose, Prakash Raj, Rajeev Khandelwal  
Release Date: 2022-12-09
- Movie Trailers:**
  - GOLMAAL 3**
  - Golmaal 3**
- Films in Theaters:**
  - Phir Hera Pheri**  
Release Date: 2021-01-28  
Cast: Akshay Kumar, Suniel Shetty, Paresh Rawal, Bipasha Basu  
Description: Phir Hera Pheri is an Indian Hindi-language comedy film written and directed by Neeraj Vora.
  - Bhool Bhulaiyaa**  
Release Date: 2021-03-01  
Cast: Akshay Kumar, Vidya Balan, Shreyas Talpade, Ameesha Patel  
Description: Bhool Bhulaiyaa is an Indian Hindi-language comedy horror film directed by Priyadarshan and produced by Bhushan Kumar and Krishan Kumar under the T-Series Films banner.
  - Golmaal 3**  
Release Date: 2022-03-04  
Cast: Ajay Devgn, Karisma Kapoor, Tusshar Kapoor, Arshad Warsi, Shreyas Talpade  
Description: Golmaal 3 is an Indian Hindi-language action comedy film directed by Rohit Shetty.

## User Login

```
<?php  
if(isset($_SESSION['user'])){  
    header('location:booking.php');  
}?>
```

A screenshot of a web browser showing a login form. The page has a dark header with a movie ticket and popcorn icon. Below it is a search bar and navigation links for 'HOME', 'MOVIES', 'LOGIN', and 'REGISTER'. The main area contains a login form with fields for email and password, and a 'Login' button.

A screenshot of the homepage. It features a dark header with a navigation menu including 'Home', 'Movies', and 'Login'. Below the header is a section for 'Theatre Assistance' with a phone number '1234 500 3456'. There are also social media icons for Facebook, Twitter, and YouTube, along with a 'Search' bar.

A screenshot of the homepage showing search results for 'PHERI'. The search bar at the top shows the query 'PHERI HERA PHERI'. Below the search bar, there are three movie trailers displayed: 'Bhool Bhulaiya', '3 idiots', and 'Golmaal 3'.

A screenshot of the homepage showing sections for 'Upcoming Movies', 'Movie Trailers', and 'Films in Theaters'. The 'Upcoming Movies' section features posters for 'DRISHYAM 2' and 'Salaam Venky'. The 'Movie Trailers' section shows trailers for 'Bhool Bhulaiya', '3 idiots', and 'Golmaal 3'. The 'Films in Theaters' section shows posters for 'Bhool Bhulaiya', '3 idiots', and 'Golmaal 3'.

## Movies



[Phir Hera Pheri](#)

Cast: Akshay Kumar, Suniel Shetty, Paresh Rawal.

## User can see available shows:

```
<?php
$s=mysqli_query($con,"select * from tbl_shows where s_id='".$SESSION['show']."'");
$shw=mysqli_fetch_array($s);
$t=mysqli_query($con,"select * from tbl_theatre where id='".$shw['theatre_id']."'");
```

\$theatre=mysqli\_fetch\_array(\$t);

?>

Theatre	Show Timings
Review Theatre, Minneapolis, MN 55406	09:15 AM
DBMS Project Theatre, First Floor	12:00 PM

## User can increase or decrease the number of seats:

```
<input type="number" required title="Number of Seats" max="<?php echo $screen['seats']-$avl[0];?>" min="0" name="seats" class="form-control" value="1" id="seats"/>
```

The screenshot shows a web browser with a search results page for movies. On the left, there's a movie poster for 'Phir Hera Pheri' featuring three men in formal attire. To the right, there are brief descriptions and thumbnails for other movies: 'Bhool Bhulaiyaa', 'Golmaal', and '3 Idiots'. Below the search results is a booking form for 'DBMS Project Theatre, First Floor'. The form includes fields for 'Theatre', 'Screen' (set to 'Medium'), 'Date' (set to '23-Nov-2022'), 'Show Time' ('12:00 PM Noon Show'), 'Number of Seats' (set to '5'), and 'Amount' ('Rs 500'). A 'Book Now' button is at the bottom.

## Payment Gateway:

The screenshot shows a payment gateway interface. At the top, there's a logo of a coffee cup and a play button. The main area has a 'Payment' heading and a form for card details: 'Name on Card', 'Card Number', 'Expiration date' (set to '09-mm-yyyy'), and 'CVV'. Below the form is a 'Make Payment' button. At the bottom, there's a footer with links for 'Home', 'Movies', and 'Logout'. It also includes a 'Ticket Assistance' section with a phone number ('Phone (+91) 123456789'), a 'Call us toll free' section with a phone number ('1234 500 3456'), and social media icons for Facebook, Twitter, and YouTube. A 'SCREENER' watermark is in the bottom right corner.

Notice: session\_start(): A session had already been started - ignoring in C:\xampp\htdocs\dbms-project\process\_booking.php on line 81

Warning: Cannot modify header information - headers already sent by (output started at C:\xampp\htdocs\dbms-project\header.php:1) in C:\xampp\htdocs\dbms-project\process\_booking.php on line 58

### BANK

Merchant	: Shop Street
Transaction Amount	: INR 500
Debit Card	: 1234567891234567

Authenticate Payment  
OTP sent to your mobile number ending with 0123

Enter One Time Password (OTP)

[Go back to merchant](#)

Scalable

Transaction is being processed.  
Please Wait ⏳  
(Do not 'RELOAD' this page or 'CLOSE' this page)

## User can view its booking history

```
$bk=mysqli_query($con,"select * from tbl_bookings where user_id='".$SESSION['user']."'");
```

Success!  
Bookings Done!

Booking Id	Movie	Theatre	Screen	Show	Seats	Amount	Action
BKID3901354	Phir Hera Pheri	DBMS Project Theatre	Medium	Noon	5	Rs. 500	<a href="#">Cancel</a>

BOOKING HISTORY

Films in Theaters

**Phir Hera Pheri**  
Release Date: 2021-01-28  
Cast: Akshay Kumar, Suniel Shetty, Pawan Rawal, Bipasha Basu  
Description: Phir Hera Pheri is an Indian Hindi-language comedy film written and directed by Neeraj Vora.

**Bhool Bhulaiyaa**  
Release Date: 2021-03-01  
Cast: Akshay Kumar, Vidya Balan, Shreyas Talpade  
Description: Bhool Bhulaiyaa is an Indian Hindi-language comedy horror film directed by Priyadarshan and produced by Bhushan Kumar and Krishan Kumar under the T-Series Films banner.

**3 idiots**  
Release Date: 2021-03-31  
Cast: Aamir Khan, Madhavan, Sharman Joshi, Kareena Kapoor  
Description: 3 Idiots is an Indian Hindi-language coming-of-age comedy-drama film written and directed by Rajkumar Hirani co-written by Abhijat Joshi, with producer Vidhu Vinod Chopra acting as a screenplay associate.

**Golmaal 3**  
Release Date: 2020-03-04  
Cast: Ajay Devgan, Kareena Kapoor, Tusshar Kapoor, Arshad Warsi, Shreyas Talpade  
Description: Golmaal 3 is an Indian Hindi-language action comedy film directed by Rohit Shetty.

## Booking Cancellation:

```
mysqli_query($con,"delete from tbl_bookings where book_id='".$GET['id']."'");
```

Success!  
Booking Cancelled Successfully

No Previous Bookings Found!

Once you start booking movie tickets with this account, you'll be able to see all the booking history.

BOOKING HISTORY

Films in Theaters

**Golmaal 3**  
Release Date: 2020-03-04  
Cast: Ajay Devgan, Kareena Kapoor, Tusshar Kapoor, Arshad Warsi, Shreyas Talpade  
Description: Golmaal 3 is an Indian Hindi-language action comedy film directed by Rohit Shetty.

**Phir Hera Pheri**  
Release Date: 2021-01-28  
Cast: Akshay Kumar, Suniel Shetty, Pawan Rawal, Bipasha Basu  
Description: Phir Hera Pheri is an Indian Hindi-language comedy film written and directed by Neeraj Vora.

**Bhool Bhulaiyaa**  
Release Date: 2021-03-01  
Cast: Akshay Kumar, Vidya Balan, Shreyas Talpade  
Description: Bhool Bhulaiyaa is an Indian Hindi-language comedy horror film directed by Priyadarshan and produced by Bhushan Kumar and Krishan Kumar under the T-Series Films banner.

**3 idiots**  
Release Date: 2021-03-31  
Cast: Aamir Khan, Madhavan, Sharman Joshi, Kareena Kapoor  
Description: 3 Idiots is an Indian Hindi-language coming-of-age comedy-drama film written and directed by Rajkumar Hirani co-written by Abhijat Joshi, with producer Vidhu Vinod Chopra acting as a screenplay associate.

**Golmaal 3**  
Release Date: 2020-03-04  
Cast: Ajay Devgan, Kareena Kapoor, Tusshar Kapoor, Arshad Warsi, Shreyas Talpade  
Description: Golmaal 3 is an Indian Hindi-language action comedy film directed by Rohit Shetty.

## SQL Queries for Database :

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";

-- Database: `movietheatredb`
--

-- Table structure for table `tbl_bookings`
--

CREATE TABLE `tbl_bookings` (
  `book_id` int(11) NOT NULL,
  `ticket_id` varchar(30) NOT NULL,
  `t_id` int(11) NOT NULL COMMENT 'theater id',
  `user_id` int(11) NOT NULL,
  `show_id` int(11) NOT NULL,
  `screen_id` int(11) NOT NULL,
  `no_seats` int(3) NOT NULL COMMENT 'number of seats',
  `amount` int(5) NOT NULL,
  `ticket_date` date NOT NULL,
  `date` date NOT NULL,
  `status` int(1) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tbl_bookings`
--

INSERT INTO `tbl_bookings` (`book_id`, `ticket_id`, `t_id`, `user_id`, `show_id`, `screen_id`, `no_seats`, `amount`, `ticket_date`, `date`, `status`) VALUES
(12, 'BKID6369842', 4, 4, 17, 3, 1, 380, '2021-04-15', '2021-04-15', 1),
(13, 'BKID2313964', 6, 5, 21, 6, 4, 2400, '2021-04-16', '2021-04-15', 1),
(14, 'BKID1766021', 6, 5, 22, 6, 2, 1200, '2021-04-16', '2021-04-16', 1);

-----

-- Table structure for table `tbl_contact`
--

CREATE TABLE `tbl_contact` (
  `contact_id` int(11) NOT NULL,
  `name` varchar(100) NOT NULL,
  `email` varchar(100) NOT NULL,
  `mobile` int(11) NOT NULL,
  `subject` varchar(1000) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```

-- 
-- Table structure for table `tbl_login` 

CREATE TABLE `tbl_login` (
  `id` int(11) NOT NULL,
  `user_id` int(11) NOT NULL,
  `username` varchar(50) NOT NULL COMMENT 'email',
  `password` varchar(50) NOT NULL,
  `user_type` int(1) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_login` 

-- 
-- Table structure for table `tbl_movie` 

CREATE TABLE `tbl_movie` (
  `movie_id` int(11) NOT NULL,
  `t_id` int(11) NOT NULL COMMENT 'theatre id',
  `movie_name` varchar(255) NOT NULL,
  `cast` varchar(500) NOT NULL,
  `desc` varchar(1000) NOT NULL,
  `release_date` date NOT NULL,
  `image` varchar(200) NOT NULL,
  `video_url` varchar(200) NOT NULL,
  `status` int(1) NOT NULL COMMENT '0 means active '
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_movie` 

-- 
-- Table structure for table `tbl_review` 

CREATE TABLE `tbl_review` (
  `review_id` int(11) NOT NULL,
  `user_id` int(11) NOT NULL,
  `movie_id` int(11) NOT NULL,
  `rating` float NOT NULL,
  `comment` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_review` 

-- 
-- Table structure for table `tbl_theatre` 

CREATE TABLE `tbl_theatre` (
  `t_id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `address` varchar(255) NOT NULL,
  `city` varchar(255) NOT NULL,
  `state` varchar(255) NOT NULL,
  `zip` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_theatre` 

-- 
-- Table structure for table `tbl_ticket` 

CREATE TABLE `tbl_ticket` (
  `ticket_id` int(11) NOT NULL,
  `user_id` int(11) NOT NULL,
  `show_time` datetime NOT NULL,
  `theatre_id` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_ticket` 

-- 
-- Table structure for table `tbl_user` 

CREATE TABLE `tbl_user` (
  `user_id` int(11) NOT NULL,
  `username` varchar(50) NOT NULL,
  `password` varchar(50) NOT NULL,
  `first_name` varchar(50) NOT NULL,
  `last_name` varchar(50) NOT NULL,
  `email` varchar(255) NOT NULL,
  `user_type` int(1) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_user` 

-- 
-- Table structure for table `tbl_movie_genre` 

CREATE TABLE `tbl_movie_genre` (
  `genre_id` int(11) NOT NULL,
  `genre_name` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_movie_genre` 

-- 
-- Table structure for table `tbl_movie_genre` 

CREATE TABLE `tbl_movie_genre` (
  `movie_id` int(11) NOT NULL,
  `genre_id` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```
--  
-- Table structure for table `tbl_news`  
  
CREATE TABLE `tbl_news` (  
  `news_id` int(11) NOT NULL,  
  `name` varchar(100) NOT NULL,  
  `cast` varchar(100) NOT NULL,  
  `news_date` date NOT NULL,  
  `description` varchar(200) NOT NULL,  
  `attachment` varchar(200) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `tbl_news`  
  
INSERT INTO `tbl_news` (`news_id`, `name`, `cast`, `news_date`, `description`, `attachment`) VALUES  
(3, 'Black Widow', 'Scarlett Johansson, Florence Pugh, David Harbour, Rachel Weisz', '2021-07-09', 'At birth the  
Black Widow (aka Natasha Romanova) is given to the KGB, which grooms her to become its ultimate operative.',  
'news_images/blackwidow.jpg'),  
-----
```

```
--  
-- Table structure for table `tbl_registration`  
  
CREATE TABLE `tbl_registration` (  
  `user_id` int(11) NOT NULL,  
  `name` varchar(50) NOT NULL,  
  `email` varchar(50) NOT NULL,  
  `phone` varchar(12) NOT NULL,  
  `age` int(2) NOT NULL,  
  `gender` varchar(10) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Dumping data for table `tbl_registration`  
  
INSERT INTO `tbl_registration` (`user_id`, `name`, `email`, `phone`, `age`, `gender`) VALUES  
(2, 'Harry Den', 'harryden@gmail.com', '1247778540', 22, 'gender'),  
-----
```

```
--  
-- Table structure for table `tbl_screens`  
  
CREATE TABLE `tbl_screens` (  
  `screen_id` int(11) NOT NULL,  
  `t_id` int(11) NOT NULL COMMENT 'theatre id',
```

```

`screen_name` varchar(110) NOT NULL,
`seats` int(11) NOT NULL COMMENT 'number of seats',
`charge` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_screens`
-- 

INSERT INTO `tbl_screens` (`screen_id`, `t_id`, `screen_name`, `seats`, `charge`) VALUES
(1, 3, 'Screen 1', 100, 350),
(2, 3, 'Screen 2', 150, 310),
-----

-- 
-- Table structure for table `tbl_shows`
-- 

CREATE TABLE `tbl_shows` (
`s_id` int(11) NOT NULL,
`st_id` int(11) NOT NULL COMMENT 'show time id',
`theatre_id` int(11) NOT NULL,
`movie_id` int(11) NOT NULL,
`start_date` date NOT NULL,
`status` int(11) NOT NULL COMMENT '1 means show available',
`r_status` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_shows`
-- 

INSERT INTO `tbl_shows` (`s_id`, `st_id`, `theatre_id`, `movie_id`, `start_date`, `status`, `r_status`) VALUES
(19, 15, 6, 11, '2021-04-15', 0, 1),
(20, 20, 6, 13, '2021-04-15', 0, 1),
-----

-- 
-- Table structure for table `tbl_show_time`
-- 

CREATE TABLE `tbl_show_time` (
`st_id` int(11) NOT NULL,
`screen_id` int(11) NOT NULL,
`name` varchar(40) NOT NULL COMMENT 'noon,second,etc',
`start_time` time NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_show_time`
-- 

```

```
INSERT INTO `tbl_show_time` (`st_id`, `screen_id`, `name`, `start_time`) VALUES
(1, 1, 'Noon', '10:00:00'),
(2, 1, 'Matinee', '14:00:00'),
(3, 1, 'First', '18:00:00'),
```

```
--  
-- Table structure for table `tbl_theatre`  
--
```

```
CREATE TABLE `tbl_theatre` (
  `id` int(11) NOT NULL,
  `name` varchar(100) NOT NULL,
  `address` varchar(100) NOT NULL,
  `place` varchar(100) NOT NULL,
  `state` varchar(50) NOT NULL,
  `pin` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Dumping data for table `tbl_theatre`  
--
```

```
INSERT INTO `tbl_theatre` (`id`, `name`, `address`, `place`, `state`, `pin`) VALUES
(3, 'AMC Theatre', '11500 Ash St', 'Leawd', 'DM', 691523),
(4, 'Cinemark', '3900 Dallas Parkway Suite 500 Plano', '12 Street, Ep', 'UD', 691523),
```

```
--  
-- Indexes for dumped tables  
--
```

```
--  
-- Indexes for table `tbl_bookings`  
--
```

```
ALTER TABLE `tbl_bookings`
  ADD PRIMARY KEY (`book_id`);
```

```
--  
-- Indexes for table `tbl_contact`  
--
```

```
ALTER TABLE `tbl_contact`
  ADD PRIMARY KEY (`contact_id`);
```

```
--  
-- Indexes for table `tbl_login`  
--
```

```
ALTER TABLE `tbl_login`
  ADD PRIMARY KEY (`id`);
```

```
--  
-- Indexes for table `tbl_movie`  
--
```

```
ALTER TABLE `tbl_movie`
```

```
ADD PRIMARY KEY (`movie_id`);

-- 
-- Indexes for table `tbl_news`
-- 

ALTER TABLE `tbl_news`
 ADD PRIMARY KEY (`news_id`); 

-- 
-- Indexes for table `tbl_registration`
-- 

ALTER TABLE `tbl_registration`
 ADD PRIMARY KEY (`user_id`); 

-- 
-- Indexes for table `tbl_screens`
-- 

ALTER TABLE `tbl_screens`
 ADD PRIMARY KEY (`screen_id`); 

-- 
-- Indexes for table `tbl_shows`
-- 

ALTER TABLE `tbl_shows`
 ADD PRIMARY KEY (`s_id`); 

-- 
-- Indexes for table `tbl_show_time`
-- 

ALTER TABLE `tbl_show_time`
 ADD PRIMARY KEY (`st_id`); 

-- 
-- Indexes for table `tbl_theatre`
-- 

ALTER TABLE `tbl_theatre`
 ADD PRIMARY KEY (`id`); 

-- 
-- AUTO_INCREMENT for dumped tables
-- 

-- 
-- AUTO_INCREMENT for table `tbl_bookings`
-- 

ALTER TABLE `tbl_bookings`
 MODIFY `book_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=15; 

-- 
-- AUTO_INCREMENT for table `tbl_contact`
-- 

ALTER TABLE `tbl_contact`
 MODIFY `contact_id` int(11) NOT NULL AUTO_INCREMENT;
```

```
--  
-- AUTO_INCREMENT for table `tbl_login`  
--  
ALTER TABLE `tbl_login`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=20;  
--  
-- AUTO_INCREMENT for table `tbl_movie`  
--  
ALTER TABLE `tbl_movie`  
  MODIFY `movie_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=18;  
--  
-- AUTO_INCREMENT for table `tbl_news`  
--  
ALTER TABLE `tbl_news`  
  MODIFY `news_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=11;  
--  
-- AUTO_INCREMENT for table `tbl_registration`  
--  
ALTER TABLE `tbl_registration`  
  MODIFY `user_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;  
--  
-- AUTO_INCREMENT for table `tbl_screens`  
--  
ALTER TABLE `tbl_screens`  
  MODIFY `screen_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=7;  
--  
-- AUTO_INCREMENT for table `tbl_shows`  
--  
ALTER TABLE `tbl_shows`  
  MODIFY `s_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=23;  
--  
-- AUTO_INCREMENT for table `tbl_show_time`  
--  
ALTER TABLE `tbl_show_time`  
  MODIFY `st_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=22;  
--  
-- AUTO_INCREMENT for table `tbl_theatre`  
--  
ALTER TABLE `tbl_theatre`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=7;
```

# Collection of requirements

- In collateral with stating the data requirements, it is useful to specify the known functional requirements of the application. These composed of user defined operations that will be applied to the database.
- The functional requirements are used as a origin of application software design. Requirements analysis is tender in order to comprehend the problem, which is to be resolved. That is very important act for the development of database system.
- The data requirements are used as a origin of database design. These requirements should be explained in as full and complete configuration as feasible.

## The Data-requirements are given as follows:-

- User Module User Registration User Register with Name, A Username, Password, E-mail address.
- User Login User Can Book the Ticket After Log in.
- User Login with User Name and Password.
- Check Availability after Login, User, can Search Movie from Movie List If Ticket is available User Can Book Ticket.
- Book Ticket. Book ticket by specifying username.
- Then click the buy ticket button.
- Then it will add on the ticket purchase history.
- Then click the print button to print the ticket.
- Then it is done.
- Admin Control: Admin User Login Admin can Login with Admin User Name and Password. Show Manage. Admin Can Add Show Name and Show Time.
- Movie Manage. Admin Can Add New Movie.
- Admin Can Delete Movie.

## **FUNCTIONAL REQUIREMENTS**

1. There should be a process in which both the admin and customer can login to the website and can do others operation.
2. There will a “point and click” method for committing the order for the customer.
3. According to the data which will be selected by the user by that via a query The ShowTime of the movies will be generated.

## **CONCLUSIONS & ANALYSIS**

- This project is developed successfully and the performance is found to be satisfactory. This project is designed to meet the requirements of assigning jobs. It has been developed in PHP and the database has been built in My SQL server keeping in mind the specifications of the system.
- The user will be able to book the ticket using this website.
- The relationship between company manager, employee, and customer satisfy a good communication to complete ticketing process.
- We have designed the project to provide the user with easy retrieval of data, details of theatre and necessary feedback as much as possible.
- In this project, the user is provided with a website that can be used to book movie tickets online. To implement this as a web application we used PHP as the technology.
- PHP has advantages such as enhanced performance, scalability, built-in security and simplicity. To build any web application using PHP we need a programming language such as PHP and so on.

MySQL was used as back-end database since it is one of the most popular open source databases, and it provides fast data access, easy installation and simplicity. For front end we used HTML and CSS.

## **FUTURE SCOPE**

- In future, our movie ticket booking system will have extra facilities.
- It will grant more easy access.
- We are going to include seat choosing system to our movie ticket booking system so that user can book the seat of choice.
- We can add wallet system for users for the ease of payment.
- Review and feedback sections are to be added.

## **BIBILOGRAPHY**

- [www.google.com](http://www.google.com)
- [www.w3schools/html.com](http://www.w3schools/html.com)
- [www.udemy/webdevelopercourse.com](http://www.udemy/webdevelopercourse.com)
- [www.stackoverflow.com](http://www.stackoverflow.com)