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# A PROJECT ON ONLINE TICKET BOOKING SYSTEM

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**Abstract** - The project objective is to book cinema tickets in online. The Ticket Reservation System is an Internet based application that can be accessed throughout the Net and can be accessed by anyone who has a net connection. This application will reserve the tickets. This online ticket reservation system provides a website for a cinema hall where any user of internet can access it. User is required to login to the system and needs a credit card for booking the tickets. Tickets can be collected at the counter and Watching movies with family and friends in theatres is one of the best medium of entertainment after having a hectic schedule. But all this excitement vanishes after standing in hours in long queues to get tickets booked. The website provides complete information regarding currently running movies on all the screens with details of show timings, available seats. Ticket reservations are done using credit card and can be cancelled if needed. Our online tickets reservation system is one of the best opportunities for those who cannot afford enough time to get their tickets reserved standing in long queues. People can book tickets online at any time of day or night. Our reservation system also provides option to cancel the tickets which are reserved previously.

**Key Words:** tickets, online, booking, website, movie

## 1. INTRODUCTION

Welcome to newly designed website movie ticket booking is a faster, cleaner and a tad more personal website, specially designed to make your booking experience better. Log on, navigate and find out for yourselves and if time permits leave your valuable feedback.

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 has been made. The combo booking is also provided at the time of booking the ticket and there's a wonderful facility of delivering the combos at your seat when you are watching the movie.

You need to register a new user whenever you have first visited or site then for future it will be stored in our database permanently and you can book you movie ticket at any time you want with this username and password.

## 2. SYSTEM REQUIREMENT

### 2.1 Hardware Specification

Server:

Processor-7<sup>th</sup> generation i5

RAM-128MB (min)

Hard disk-20GB

Client:

Processor-7<sup>th</sup> generation i5

Ram-128MB (min)

Hard disk- 20GB

### 2.2 Software Specification

Platform - Windows 8,10

Front end - Html, Css

Backend - Xampp

### 2.3 Front End

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. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are delineated by tags, written using angle brackets. Tags such as <img> and <input/> introduce content into the page directly. Others such as <p>....</p> surround and

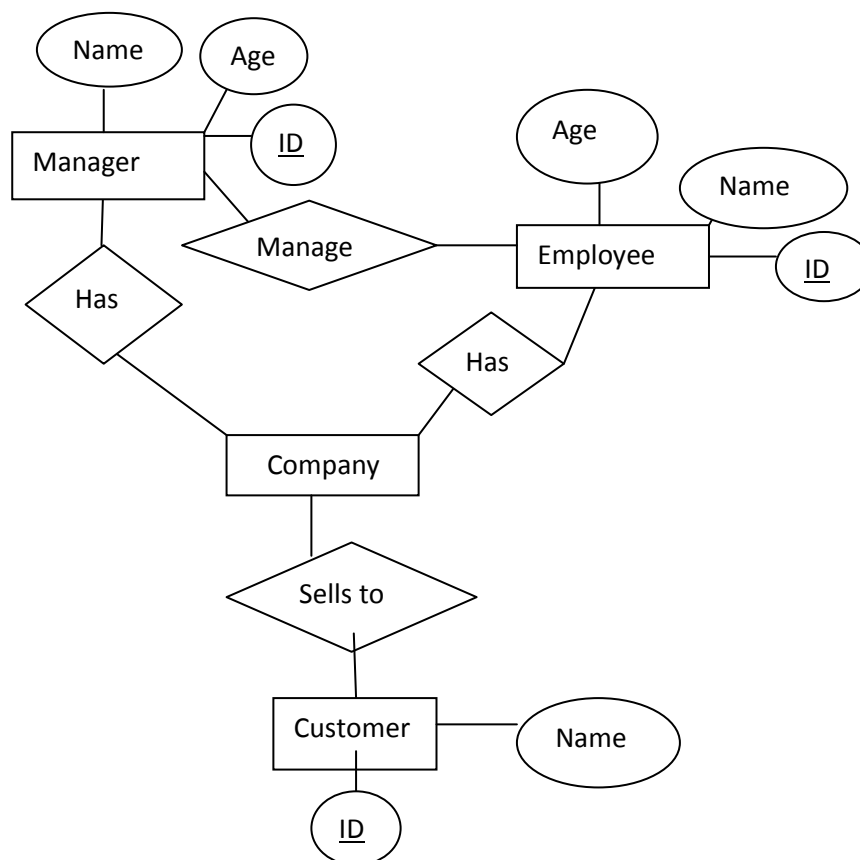
provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page. HTML code ensures the proper formatting of text and images so that your Internet browser may display them as they are intended to look. Without HTML, a browser would not know how to display text as elements or load images or other elements. HTML also provides a basic structure of the page, upon which Cascading Style Sheets are overlaid to change its appearance.

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.

## 2.4 About PHP

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. PHP code may be embedded into HTML or HTML5 markup, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server software combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.

## 3. DESIGN



**Fig -1: ER DIAGRAM**

## 4. IMPLEMENTATION

### 4.1 Home page:

```

1  <html>
2  <body>
3  <?php
4  include('header.php');
5  ?>
6
7  <div class="content">
8  <div class="wrap">
9  <div class="content-top">
10 <div class="listview_1_of_3 images_1_of_3">
11 <h3>Upcoming Movies</h3>
12 <?php
13 $qry3=mysqli_query($con,"select * from tbl_news");
14
15 while($n=mysqli_fetch_array($qry3))
16 {
17 ?>
18 <div class="content-left">
19 <div class="listimg listimg_1_of_2">
20 
22 <div class="text list_1_of_2">
23 <div class="extra-wrap">
24 <span style="text-color:#000" class="data"><strong><?php echo $n['name'];?></strong></span>
25 <span style="text-color:#000" class="data"><strong>Cast :<?php echo $n['cast'];?></strong>
26 <br></span>
27 <div class="data">Release Date :<?php echo $n['news_date'];?></div>
28
29 <span class="text-top"><?php echo $n['description'];?></span>
30 </div>
31 </div>
32 <div class="clear"></div>
33 </div>
34 </div>

```

```

35 </div>
36 <?php
37 }
38 ?>
39
40 </div>
41 <div class="listview_1_of_3 images_1_of_3">
42 <h3>Trending Trailers</h3>
43 <div class="middle-list">
44 <?php
45 $qry4=mysqli_query($con,"select * from tbl_movie order by rand()");
46
47 while($nm=mysqli_fetch_array($qry4))
48 {
49 ?>
50
51 <div class="listimg1">
52 <a target=" blank" href="<?php echo $nm['video_url'];?>"></a>
53 <a target=" _blank" href="<?php echo $nm['video_url'];?>" class="link"><?php echo $nm['movie_name'];?></a>
54 </div>
55 <?php
56 }
57 ?>
58 </div>
59
60 </div>
61 <?php include('movie_sidebar.php');?>
62 </div>
63 </div>
64 <?php include('footer.php');?>
65 </div>
66 <?php include('searchbar.php');?>
67

```

## 4.2 Admin page:

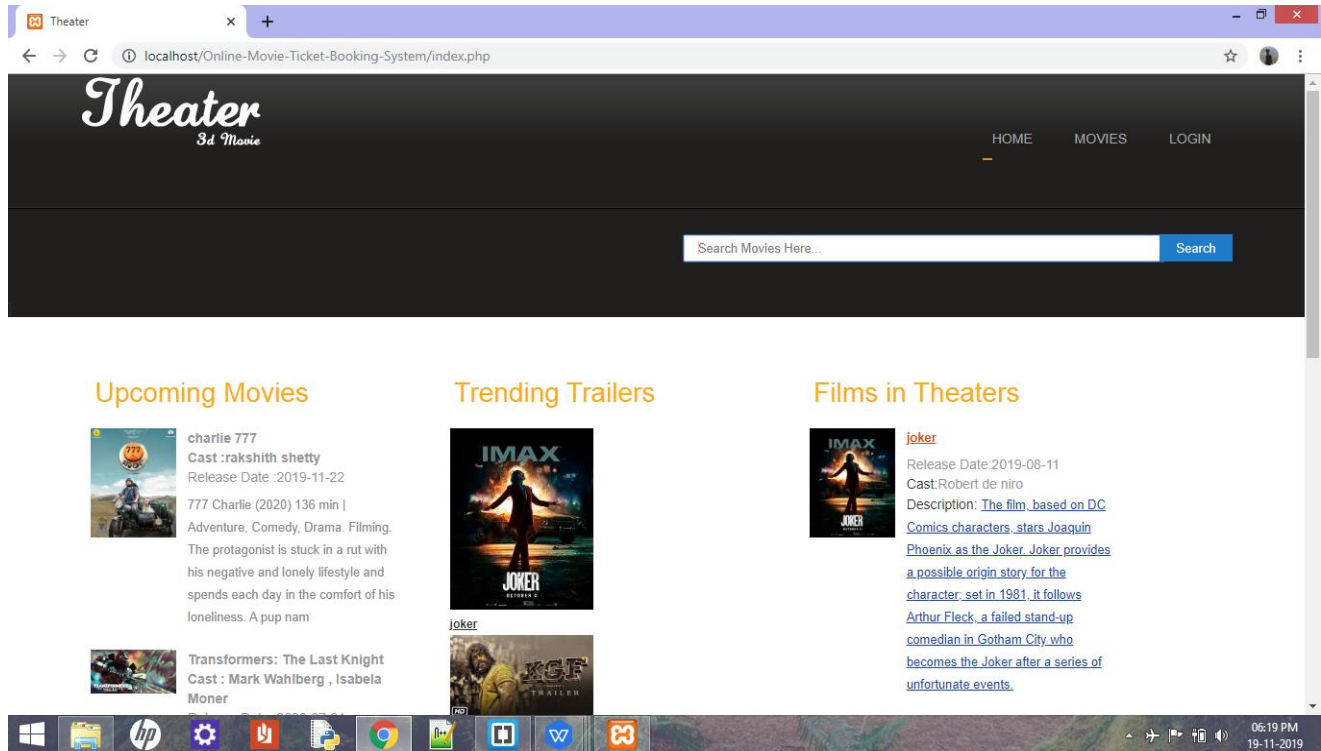
```

1  <!DOCTYPE html>
2  <html>
3  <head>
4      <meta charset="utf-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <title>online movie</title>
7      <!-- Tell the browser to be responsive to screen width -->
8      <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
9      <!-- Bootstrap 3.3.6 -->
10     <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
11     <!-- Font Awesome -->
12     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.5.0/css/font-awesome.min.css">
13     <!-- Ionicons -->
14     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/ionicons/2.0.1/css/ionicons.min.css">
15     <!-- Theme style -->
16     <link rel="stylesheet" href="dist/css/AdminLTE.min.css">
17     <!-- iCheck -->
18     <link rel="stylesheet" href="plugins/iCheck/square/blue.css">
19
20     <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
21     <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
22     <!--[if lt IE 9]>
23     <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
24     <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
25     <![endif]>
26 </head>
27 <body class="hold-transition login-page">
28 <div class="login-box">
29     <div class="login-logo">
30         <a>Theatre Assistant<b> &nbsp;   Admin </b></a>
31     </div>
32     <!-- /.login-logo -->
33     <div class="login-box-body">
34         <?php session_start(); include('..msgbox.php');?>
35         <p class="login-box-msg">Sign in to start your session</p>
36         <form action="pages/process_login.php" method="post">
37             <div class="form-group has-feedback">
38                 <input name="Email" type="text" size="25" placeholder="Email" class="form-control" placeholder="Email"/>
39                 <span class="glyphicon glyphicon-envelope form-control-feedback"></span>
40             </div>
41             <div class="form-group has-feedback">
42                 <input name="Password" type="password" size="25" placeholder="Password" class="form-control"
43                 placeholder="Password" />
44                 <span class="glyphicon glyphicon-lock form-control-feedback"></span>
45             </div>
46             <div class="form-group">
47                 <button type="submit" class="btn btn-primary">Login</button>
48             </div>
49         </form>
50     </div>
51     <!-- /.login-box-body -->
52 </div>
53 <!-- /.login-box -->
54
55 <!-- jQuery 2.2.3 -->
56 <script src="plugins/jquery/jquery-2.2.3.min.js"></script>
57 <!-- Bootstrap 3.3.6 -->
58 <script src="bootstrap/js/bootstrap.min.js"></script>
59 <!-- iCheck -->
60 <script src="plugins/iCheck/icheck.min.js"></script>
61 <script>
62     $(function () {
63         $('input').iCheck({
64             checkboxClass: 'icheckbox_square-blue',
65             radioClass: 'iradio_square-blue',
66             increaseArea: '20%' // optional
67         });
68     });
69 </script>
70 </body>
71 </html>

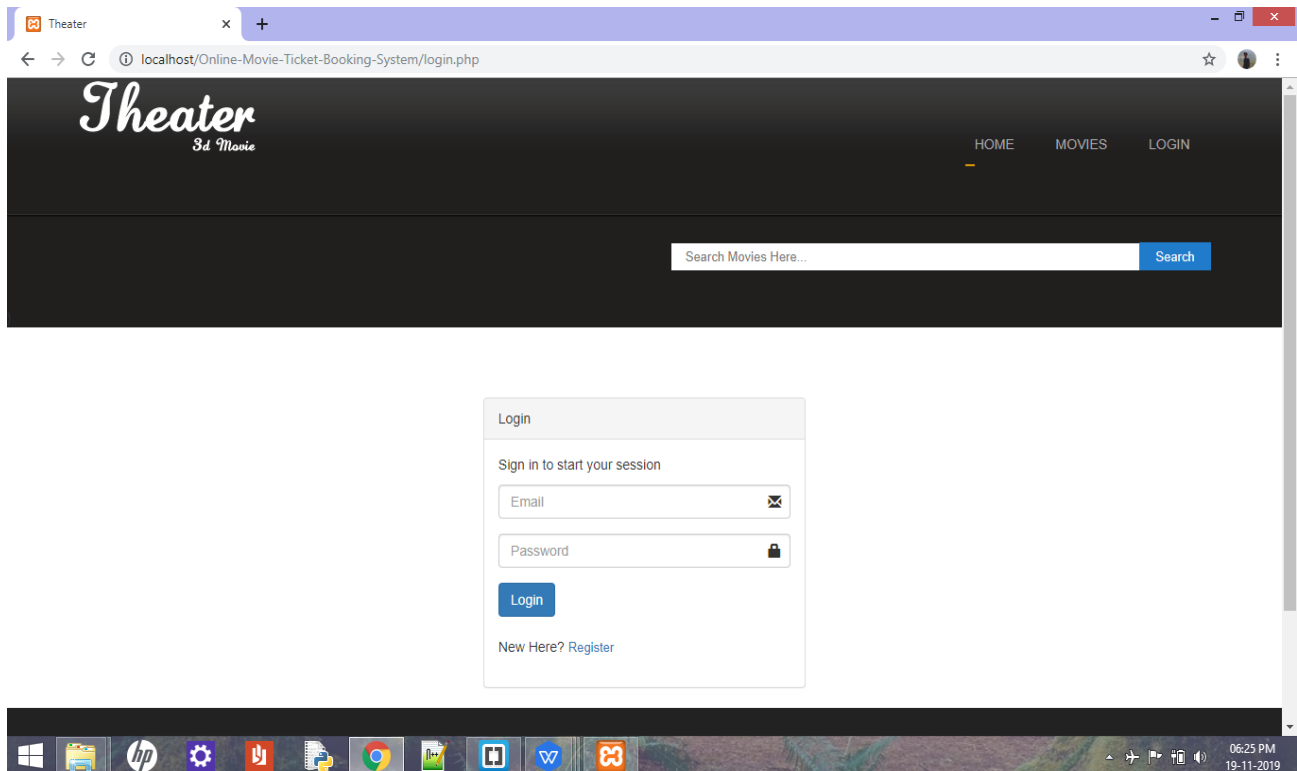
```

## 5. DISCUSSION AND SCREENSHOTS

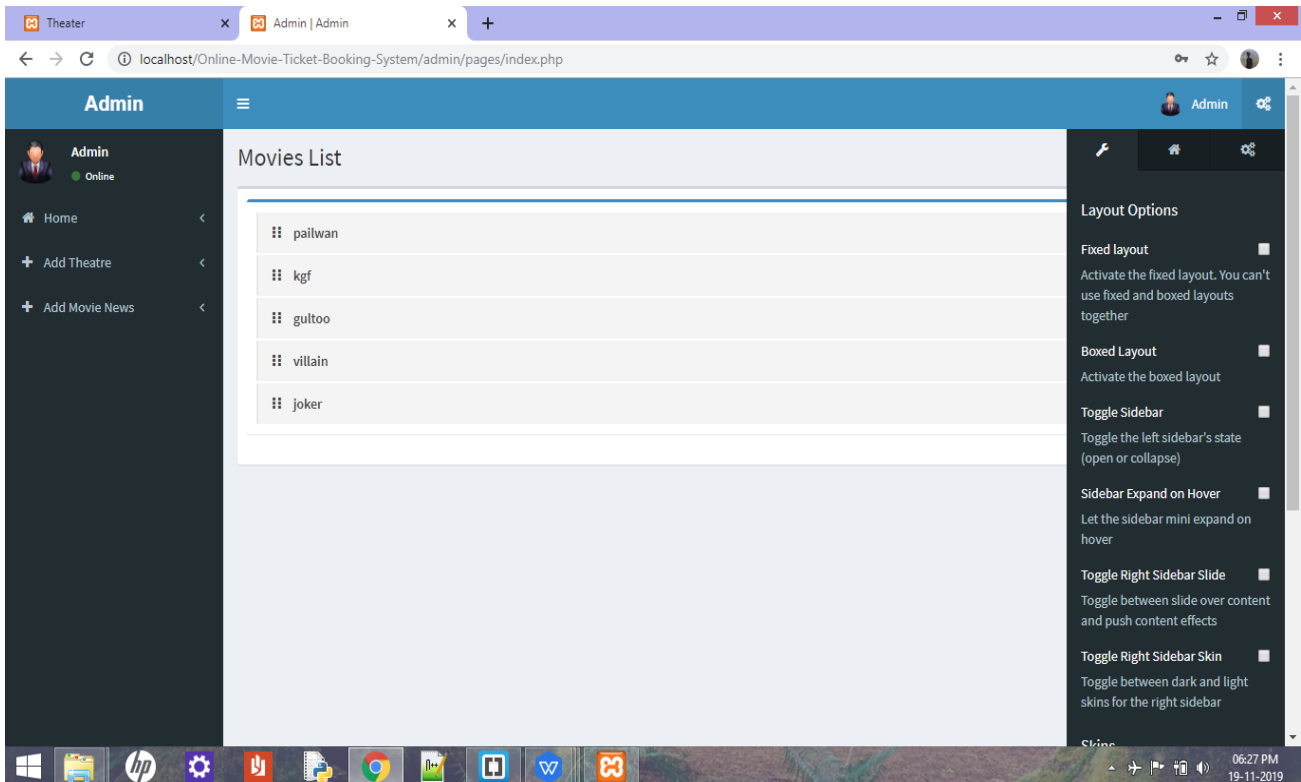
### 5.1 Home page:



### 5.2 Login page:



### 5.3 Admin page:

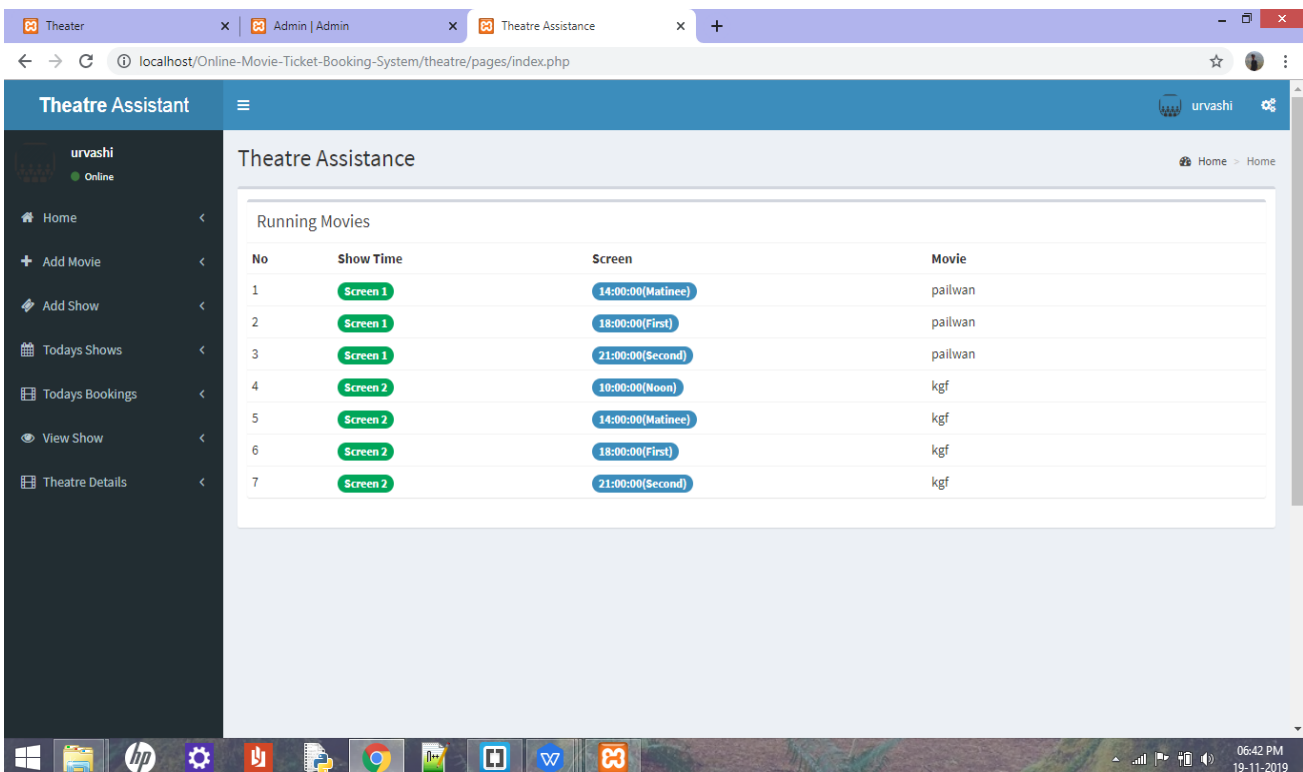


The screenshot shows the Admin page of the Online-Movie-Ticket-Booking-System. The page has a dark blue header with the 'Admin' title and a user profile 'Admin' (Online). A left sidebar contains navigation links: Home, Add Theatre, and Add Movie News. The main content area is titled 'Movies List' and displays a table of movies:

Movie Name
pailwan
kgf
gultoo
villain
joker

On the right, a 'Layout Options' sidebar is visible, containing several toggle switches for customizing the interface, such as 'Fixed layout', 'Boxed Layout', 'Toggle Sidebar', and 'Toggle Right Sidebar Slide'.

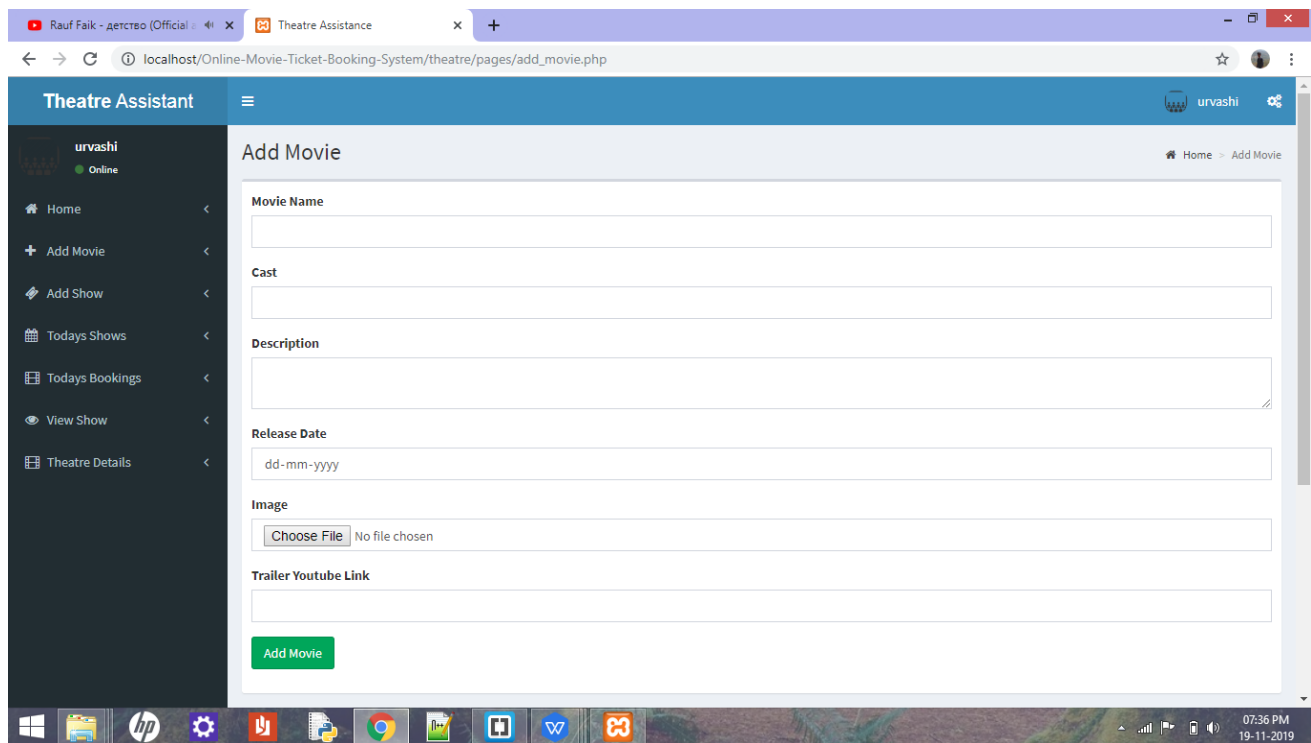
### 5.4 Theatre page:



The screenshot shows the Theatre Assistance page. The header includes the title 'Theatre Assistance' and a user profile 'urvashi' (Online). The left sidebar lists navigation options: Home, Add Movie, Add Show, Todays Shows, Todays Bookings, View Show, and Theatre Details. The main content area, titled 'Running Movies', contains a table with the following data:

No	Show Time	Screen	Movie
1	Screen 1	14:00:00(Matinee)	pailwan
2	Screen 1	18:00:00(First)	pailwan
3	Screen 1	21:00:00(Second)	pailwan
4	Screen 2	10:00:00(Noon)	kgf
5	Screen 2	14:00:00(Matinee)	kgf
6	Screen 2	18:00:00(First)	kgf
7	Screen 2	21:00:00(Second)	kgf

## 5.5 Theatre Add Movies:



The screenshot shows a web browser window with the URL `localhost/Online-Movie-Ticket-Booking-System/theatre/pages/add_movie.php`. The application has a dark blue sidebar with the title 'Theatre Assistant' and a user profile 'urvashi' with a status 'Online'. The sidebar menu includes: Home, Add Movie, Add Show, Todays Shows, Todays Bookings, View Show, and Theatre Details. The main content area is titled 'Add Movie' and contains the following form fields:

- Movie Name:** A text input field.
- Cast:** A text input field.
- Description:** A large text area.
- Release Date:** A date input field with a placeholder 'dd-mm-yyyy'.
- Image:** A file upload section with a 'Choose File' button and the text 'No file chosen'.
- Trailer Youtube Link:** A text input field.
- Add Movie:** A green button at the bottom of the form.

## 6. CONCLUSIONS

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.

## 7. FUTURE SCOPE

- In future our job management system will have extra facilities and more companies for more employees.
- It will grant more easy access.
- We are going to include recommendation system to this project so it will be helpfull for the user to search and apply for jobs as they wish.

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