



Inspiring Excellence

CSE370 : Database Systems Project Report

Project Title : Online Movie Watching Platform

Group No : 08, CSE370 Lab Section : 08, Fall 2023		
ID	Name	Contribution
21301151	Tammim Liza Khan	Login, Registration, Show all movies, Home page
23241108	Rejwan Shafi	Search Movies, Movie Details, Delete any Movie from the database, Removing a Customer, Customer Password Update, Ticket Booking, Admin's home page
21301009	Ayan Pal	Comment and reply section.
21101287	Zubayer Hassan	Payment Transaction and Payment Approve
21301053	Abdur Rahman Shihab	Add Movies to the database, Add requested Movie, customer request movie page.

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Introduction

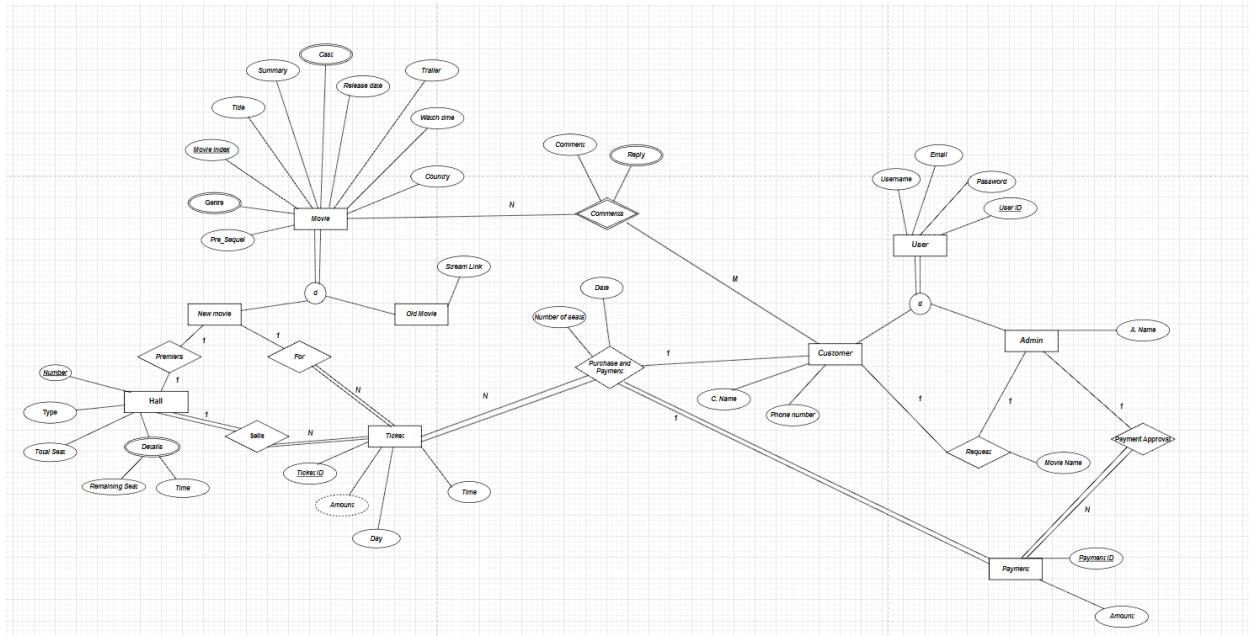
There are numerous movie-watching platforms but none of them keeps an off record prequel movie for any movies but our website does have that feature. On our website, users can watch old movies and buy a ticket for new movies at the same time instead of visiting another site to buy movie tickets. The goal of our project is to create a reliable and accessible website where customers can stream old movies without even logging in and if they want they can watch the newly released movies. If they want to watch the newly released movies they have to log in first and then they have to buy a ticket for the movie premiere in the cinema hall. Users can also post their comments on a particular movie. There are currently two cinema halls and each cinema hall has 2 timings. If a customer buys a ticket it would automatically reduce the available seats for that particular hall at that particular time. To book a ticket they have to purchase a ticket. Ticket purchase is done by generating a random payment ID and then checking if the payment ID is already in the database or not. If it is present then generates another payment ID unless it's a unique payment id. The admin will have to approve the payment ID. After that, the ticket will be approved. Moreover, the customer can request more movies to add to the website and it would require admin approval to add that movie in the website. If the admin wants they can delete any user even any movie from the database.

To build and implement our personnel database, we have used a relational database management system (RDBMS). Entity-relationship (ER) diagrams, database schema design, data entry, data validation, and data manipulation will all be a part of our project. To reduce data duplication and maintain data integrity, we also made sure that our database follows normalization standards.

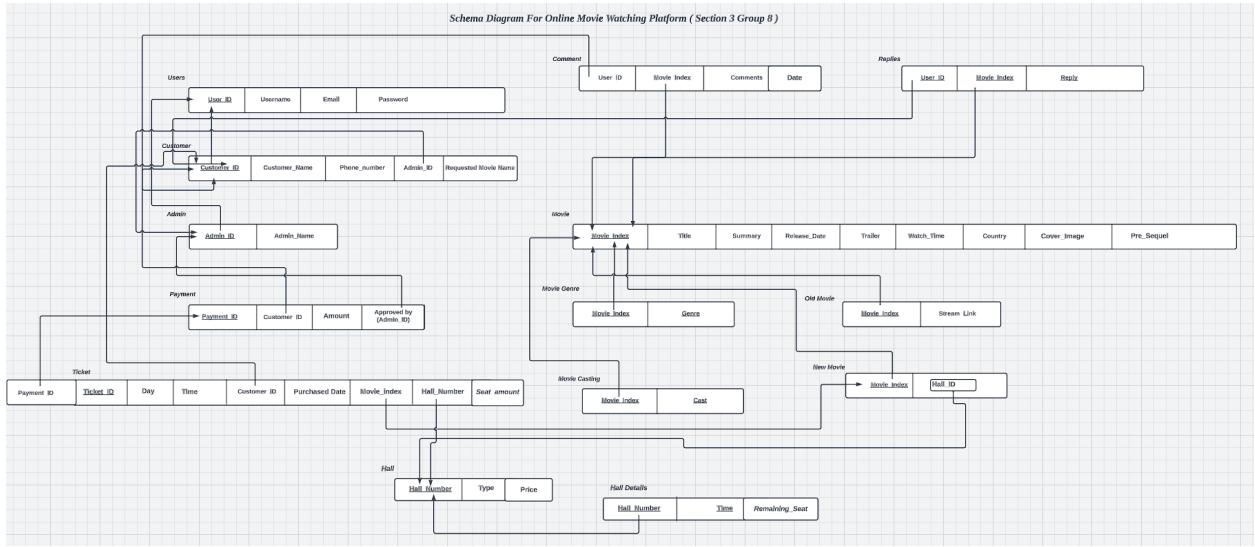
Project Features

1. There are 2 movie categories - old movies and new movies.
2. Customers can watch the old movies on the website
3. Based on the movie name user can search movies
3. Customers can comment on old movies and reply to other comments
4. To watch new movies, customers have to buy a ticket
5. Tickets will be for specific seats in cinema hall
6. Customers can request admins to add new movies
7. Admin approvals required for movie ticket purchases

ER/EER Diagram



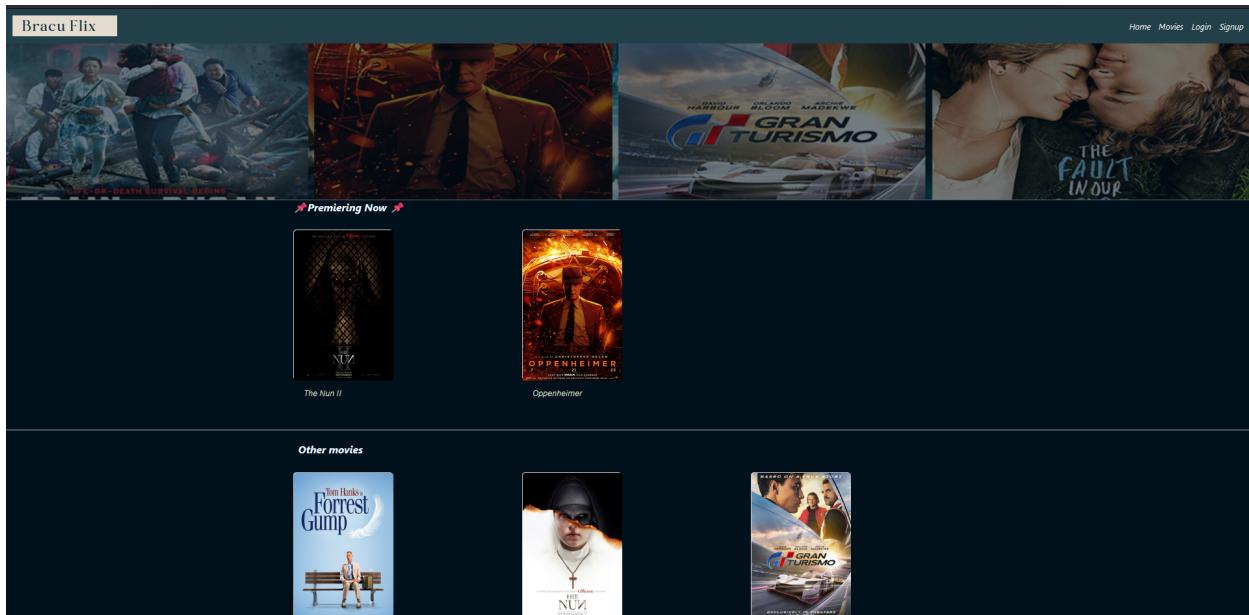
Schema Diagram



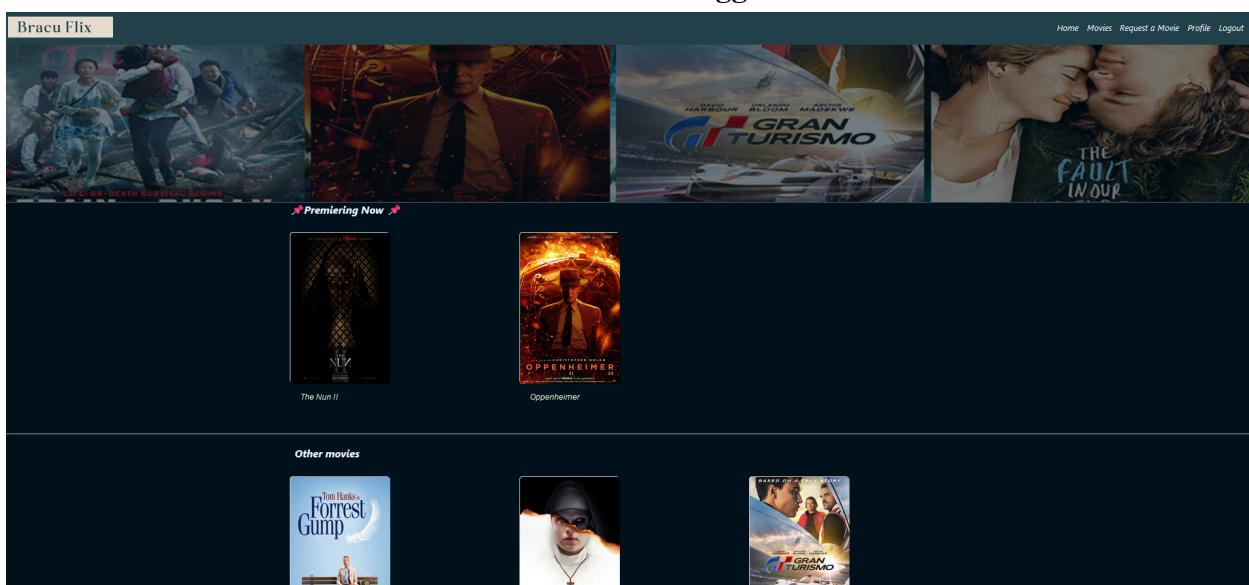
Frontend Development

Briefly discuss about Frontend Development and add Screenshots by mentioning Individual Contributions

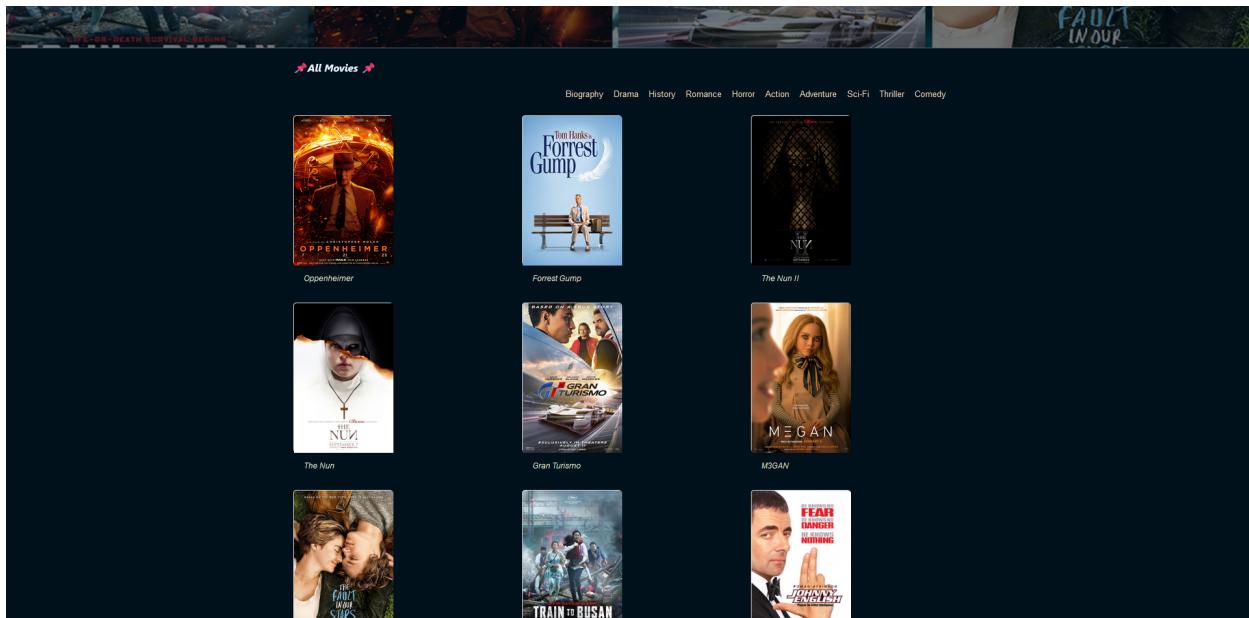
Contribution of ID: 21301151, Name: Tammin Liza Khan



This is the home interface for customers when not logged in



This is the home interface for customers when logged in



This is the all movies page

Login

Login to your account

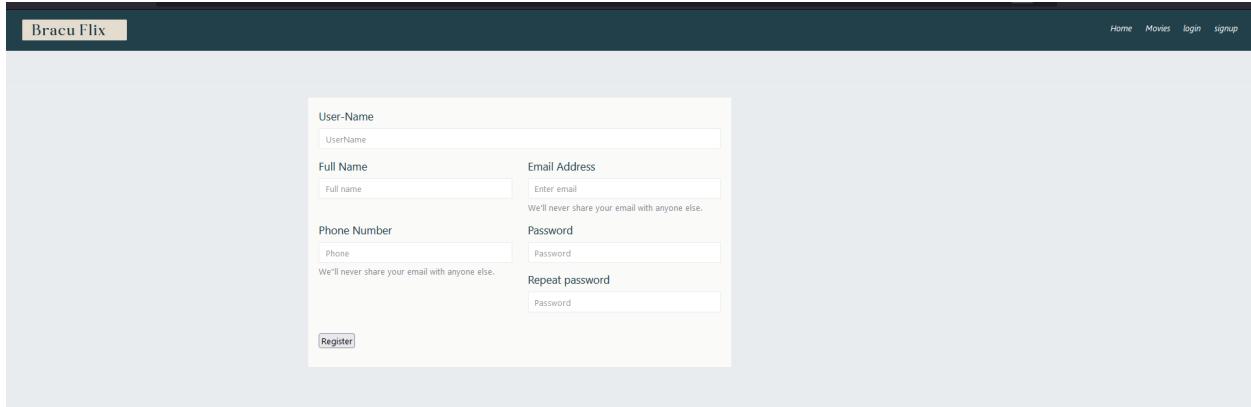
Username:

Password:

login

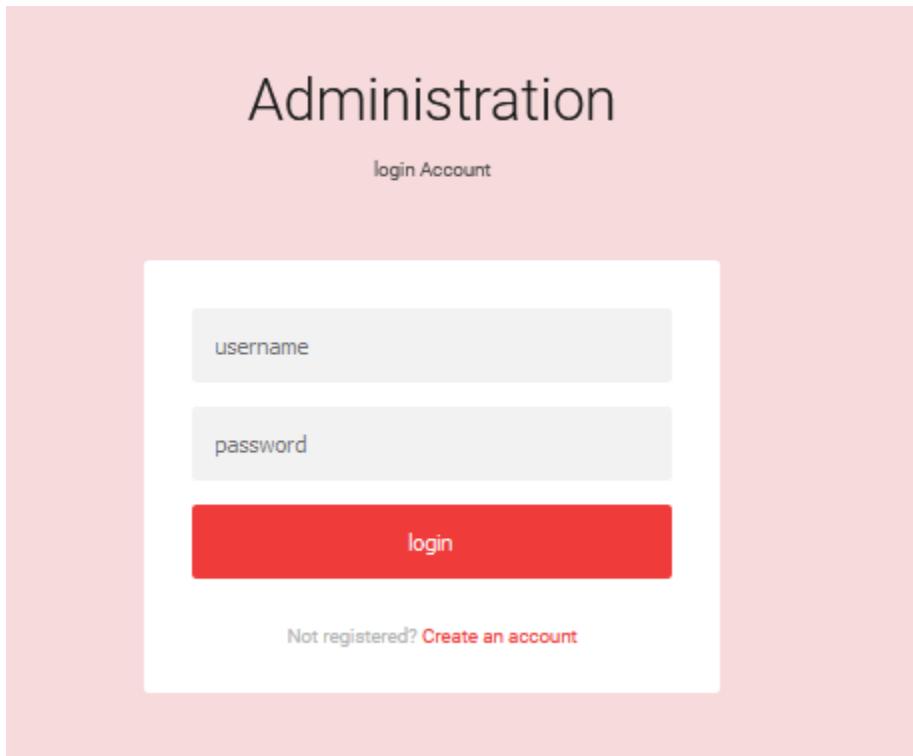
Not Registers? [Create an account](#)

This is the login interface for customers



The screenshot shows the customer registration interface for Bracu Flix. At the top, there is a dark header bar with the logo "Bracu Flix" on the left and navigation links "Home", "Movies", "login", and "signup" on the right. Below the header is a light gray form area containing fields for User-Name, Full Name, Email Address, Phone Number, Password, and Repeat password. Each field has its label above it and a placeholder below it. A "Register" button is located at the bottom left of the form.

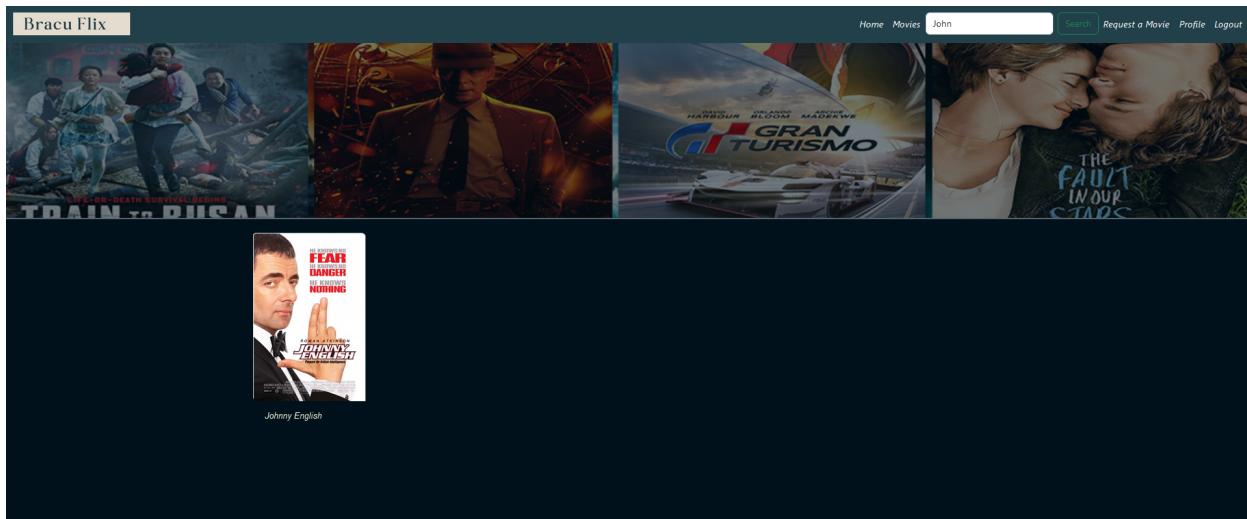
This is the registration interface for customers



The screenshot shows the admin login interface. It features a large pink header with the word "Administration" in white. Below the header is a "login Account" link. The main form is contained within a white box with rounded corners. It includes two input fields labeled "username" and "password", both with placeholder text. Below these is a large red "login" button. At the bottom of the form, there is a link "Not registered? Create an account" in blue text.

This is the admin login interface

Contribution of ID: 23241108, Name : Rejwan Shafi



This is how it looks when a user searches for a movie.

Johnny English

Johnny English

Release Date : 2003

Runtime : 87 Minutes

Prequel : None

Country : USA

Genre: Action, Adventure, Comedy

Cast: John Malkovich, Natalie Imbruglia, Rowan Atkinson

Trailer

Storyline

After a sudden attack on MI5, Johnny English, Britain's most confident, yet unintelligent spy, becomes Britain's only spy.

Stream Now

[Stream](#)

Comments

Write your opinion...

[Submit](#)

Movie Detail page

Movies							All Movies	New Movies	Old Movies
Index	Title	Trailer	Year	Runtime	Genres	Casts	Prequel	Action	
1	Oppenheimer	https://www.youtube.com/watch?v=uPbbkxJig	2023	180mins	Biography,Drama,History	Cillian Murphy,Emily Blunt,Florence Pugh,Robert Downey Jr.		<button>Delete</button>	<button>Update</button>
2	Forrest Gump	https://www.youtube.com/watch?v=blsqgtBpdqg	1994	142mins	Drama,Romance	Gary Sinise,Robin Wright,Tom Hanks		<button>Delete</button>	<button>Update</button>
3	The Nun II	https://www.youtube.com/watch?v=Qf-oyCva4kU	2023	150mins	Horror	Anna Popplewell,Jonas Bloquet,Peter Hudson,Storm Reid,Taissa Farmiga,The Nun II		<button>Delete</button>	<button>Update</button>
4	The Nun	https://www.youtube.com/watch?v=pzD9zGcUNew	2018	96mins	Horror	Bonnie Aarons,Demián Bichir,Jonas Bloquet,Patrick Wilson,Taissa Farmiga		<button>Delete</button>	<button>Update</button>
5	Gran Turismo	https://www.youtube.com/watch?v=GVgGBPrzr	2023	135mins	Action,Adventure,Drama	Daren Bent,David Harbour,Orlando Bloom		<button>Delete</button>	<button>Update</button>
6	MSGAN	https://www.youtube.com/watch?v=BRbAUSSQOU80	2022	102mins	Horror,Sci-Fi	Allison Williams,Jenna Dewan,Violet McGraw		<button>Delete</button>	<button>Update</button>
7	The Fault in Our Stars	https://www.youtube.com/watch?v=9tBH5Hs6s	2014	126mins	Drama,Romance	Nat Wolff,Ansel Elgort,Shailene Woodley		<button>Delete</button>	<button>Update</button>
8	Train to Busan	https://www.youtube.com/watch?v=pyVuhv2-Ak8	2016	118mins	Action,Horror,Thriller	Dong-seok Ma,Ioo Gong,Yu-mi Jung		<button>Delete</button>	<button>Update</button>
41	Johnny English	https://www.youtube.com/watch?v=SLSdJ9thM	2003	97mins	Action,Adventure,Comedy	John Malkovich,Natalie Imbruglia,Rowan Atkinson	None	<button>Delete</button>	<button>Update</button>

This is the admin interface for seeing all movie details and deleting movies

Customer Info					
Customer ID	Username	Customer Name	Email	Phone	Action
3	Sakib	Sadman Sakib	s@outlook.com	01756874231	<button>Delete</button>
4	Liza	Tammim Liza Khan	l@gmail.com	01756874232	<button>Delete</button>
5	Shihab	Abdur Rahman Shihab	shihabsh@outlook.com	01756874233	<button>Delete</button>
6	Zubayer	Zubayer Hassan	z@gmail.com	01756874234	<button>Delete</button>
9	Hamid25	Hamid Ronon	hamid@v.com	01843769915	<button>Delete</button>
12	Aninda25	Aninda	aninda@gmail.com	1234567891111	<button>Delete</button>

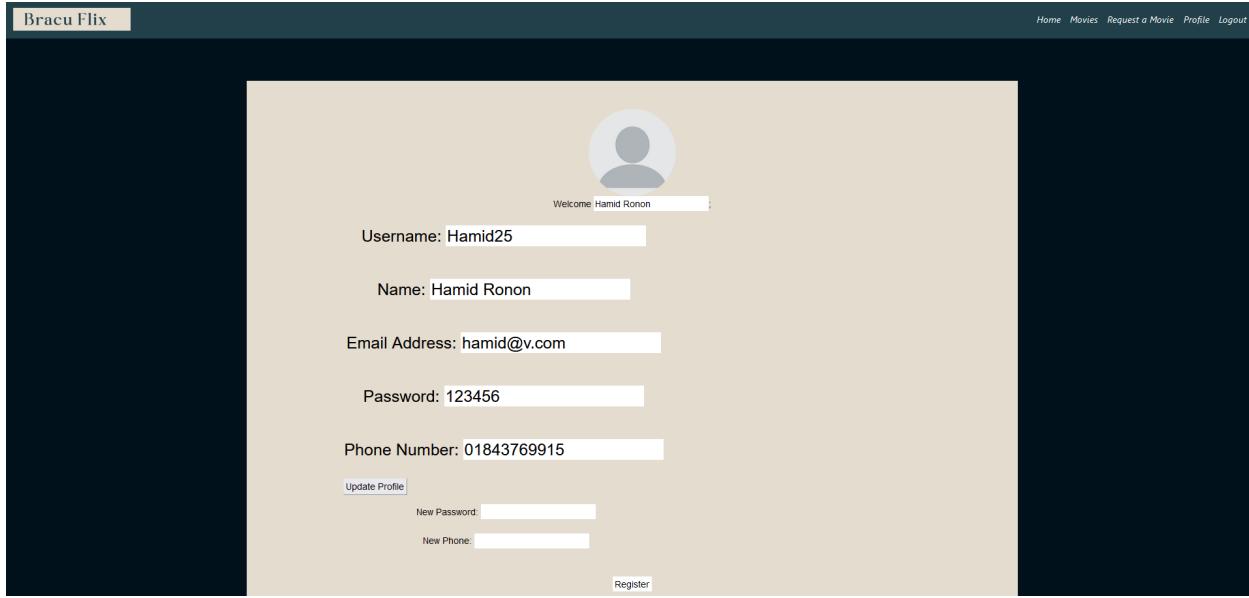
This is the admin interface for removing a customer

Welcome to Admin's Home Page

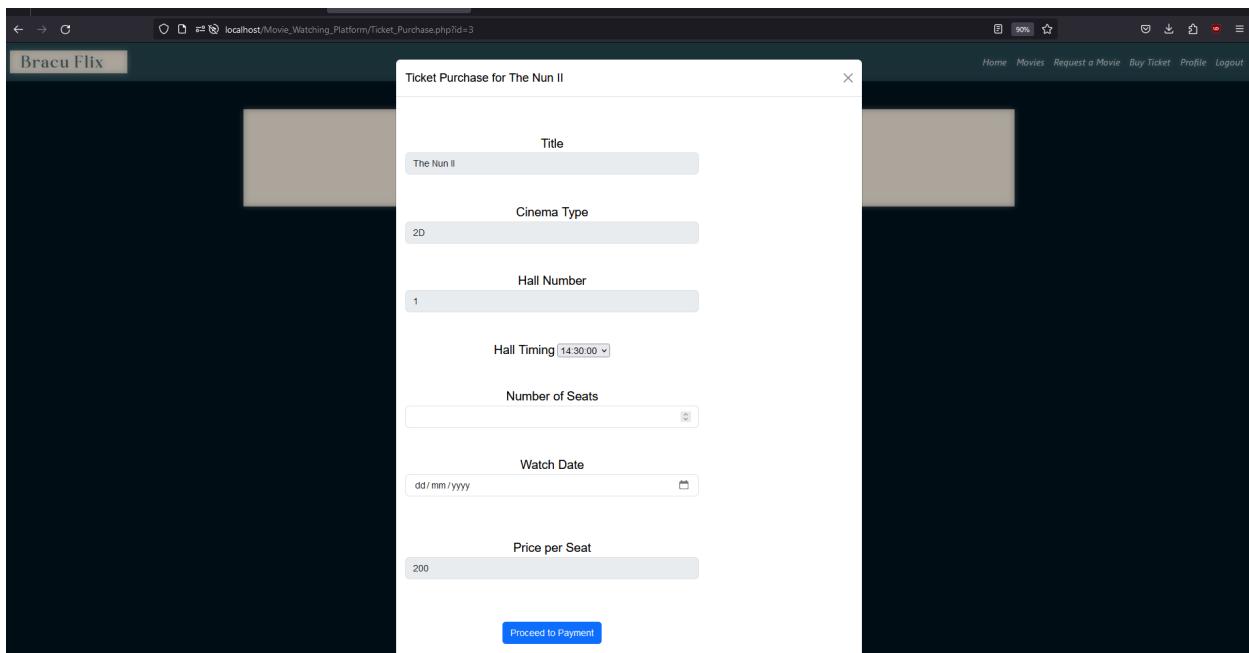
Admin ID: 1
Admin Username: Admin1
Admin Name: Wasef
Email: admin@gmail.com

[Customer Details](#) [All Movies](#) [Add Movies](#)
[Movie Requests](#) [Payment Approval](#) [Payment History](#)

This is the admin's Homepage



This is the user interface while updating passwords and phone number



This is the user interface for Ticket Booking and customer's payment page

Contribution of ID: 21101287, Name: Zubayer Hassan

Ticket Purchase for The Nun II

Title: The Nun II

Cinema Type: 2D

Hall Number: 1

Hall Timing: 14:30:00

Number of Seats:

Watch Date: dd/mm/yyyy

Price per Seat: 200

[Proceed to Payment](#)

This is the user interface for Ticket Booking and customer's payment page

Payment_ID	Customer_ID	Admin_ID	Amount	Ticket_ID	Movie Name	Purchase Date	Action
mkvd1442329	1500	8mins	Oppenheimer	2023-12-11	Approve		

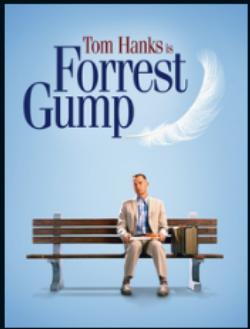
This is the admin interface for Approving Payment

Payment_ID	Customer_ID	Amount	Ticket_ID	Movie Name	Purchase Date	Premier Date	Date
mkvd1685873	1000	7mins	Oppenheimer	2023-12-11	2023-12-22		
mkvd1442329	1500	8mins	Oppenheimer	2023-12-11	2023-12-29		

This is the admin interface for all payments

Contribution of ID : 21301009, Name : AYAN PAL

Forrest Gump



Forrest Gump

Release Date : 1994

Runtime : 142 Minutes

Prequel : None

Country : USA

Genre: Drama, Romance

Cast: Gary Sinise, Robin Wright, Tom Hanks

Trailer



Storyline

Forrest Gump is a simple man with a low I.Q. but good intentions. He is running through childhood with his best and only friend Jenny. His 'mama' teaches him the ways of life and leaves him to choose his destiny. Forrest joins the army for service in Vietnam, finding new friends called Dan and Bubba, he wins medals, creates a famous shrimp fishing fleet, inspires people to jog, starts a ping-pong craze, creates the smiley, writes bumper stickers and songs, donates to people and meets the president several times. However, this is all irrelevant to Forrest who can only think of his childhood sweetheart Jenny Curran, who has messed up her life. Although in the end all he wants to prove is that anyone can love anyone.

Stream Now

[Stream](#)

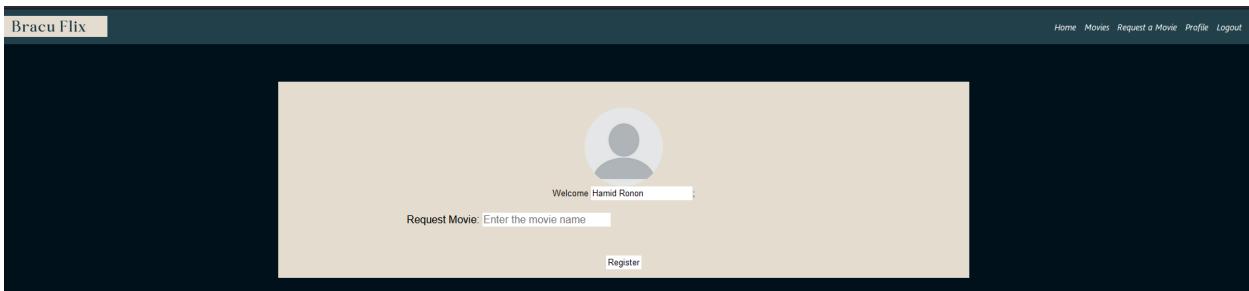
Comments

Write your opinion...

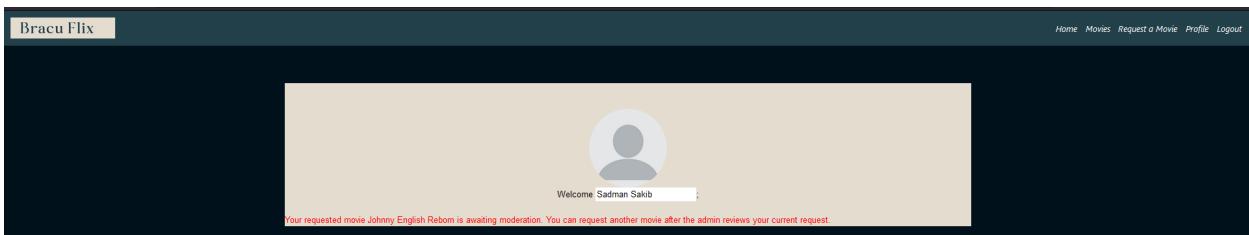
[Submit](#)

This is how the comment field looks

Contribution of ID : 20101995, Name : Shihab



This is the user interface when the user has not already requested a movie



This is the user interface when the user has already requested a movie

Customer ID	Username	Customer Name	Requested Movie	Action
3	Sakib	Sadman Sakib	Johnny English Reborn	Add Movie Delete

This is the admin interface to view requested movies

Add A movie to the website

Title

Storyline

Release Date

Trailer Link

Watch Time

Country

Cover Image

Prequel

Number of Genres

Genre 1:

Number of Casts

Cast 1:

Old Movie?

Stream Link

This is the admin interface for adding more movies and adding requested movies

Backend Development

Briefly discuss about Backend Development and add Screenshots by mentioning Individual Contributions

Contribution of ID : 21301151, Name : Tammim Liza Khan

```
<?php
include("connection/dbconnect.php"); // connecting to database
error_reporting(0);
session_start();
if (isset($_POST['submit'])) // if button is submit
{
    $username = $_POST['username'];
    $password = $_POST['password'];
    if (!empty($_POST["submit"])){
        $query="SELECT * FROM users U INNER JOIN customer C ON U.U_ID = C.Customer_ID WHERE U.Username= '$username' AND U.Pass='$password'";
        $result=mysqli_query($db,$query);
        $row=mysqli_fetch_array($result);
        if(is_array($row)) //if matcing record in array and if everything is right
        {
            $_SESSION["user_id"]=$row["U_ID"]; //storing user_id into temp session
            header("refresh:1;url=index.php");//redirccts to index.php
        }
        else{
            $message="Invalid Username or Password!";
            header("location:login.php");
        }
    }
}
?>

<div class="pen-title">
    <h2>Login</h2>
</div>
<div class="module form-module">
    <div class="toggle">
        </div>
    <div class="form">
        <h2>Login to your account</h2>
        <span style="color:red;"><?php echo $message; ?></span>
        <span style="color:green;"><?php echo $success; ?></span>
        <form action="" method="post">
            Username: <input type="text" name="username" />
            Password: <input type="password" name="password" />
            <input type="submit" id="buttn" name="submit" value="login" />
        </form>
    </div>
    <div class="cta">Not Registers? <a href="registration.php" style="color:red;">Create an account</a></div>
</div>
<script src='http://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js'></script>
</body>
</html>
```

Backend code for user login page

```

<?php
include("../connection/dbconnect.php");
error_reporting(0);
session_start();
if(isset($_POST['submit']))
{
    $username = $_POST['username'];
    $password = $_POST['password'];

    if(!empty($_POST["submit"]))
    {
        $loginquery ="SELECT * FROM users U INNER JOIN admins A ON U.U_ID = A.Admin_ID WHERE U.Username= '$username' AND U.Pass='$password'";
        $result=mysqli_query($db, $loginquery);
        $row=mysqli_fetch_array($result);

        if(is_array($row))
        {
            $_SESSION["adm_id"] = $row['Admin_ID'];
            $success="Login Successful";
            header("refresh:1;url=admin_profile.php");
        }
        else
        {
            $message = "Invalid Username or Password!";
        }
    }
}
?>

```

```

<div class="container">
    <div class="info">
        <h1>Administration </h1><span> login Account</span>
    </div>
</div>
<div class="form">
    <span style="color:red;"><?php echo $message; ?></span>
    <span style="color:green;"><?php echo $success; ?></span>
    <form class="login-form" action="index.php" method="post">
        <input type="text" placeholder="username" name="username"/>
        <input type="password" placeholder="password" name="password"/>
        <input type="submit" name="submit" value="login" />
        <p class="message">Not registered? <a href="#">Create an account</a></p>
    </form>
</div>

<script src='http://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js'></script>
<script src='js/index.js'></script>

```

Code Suggestions

```

</body>

</html>

```

Backend code for admin login page

```

<div class="container text-center">
    <div class="row row-cols-2" style="padding-bottom: 0%;">
        <?php
            $sql = "SELECT * FROM movies m INNER JOIN new_movies n ON m.Movie_index=n.Movie_index";
            $result = mysqli_query($db, $sql);
            if (mysqli_num_rows($result) > 0) {
                while ($row = mysqli_fetch_assoc($result)) {
                    <?php
                        <div class="col-4">
                            <div class="card" style="size:0cap">
                                <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_index']; ?>"></a>
                                <div class="card-body">
                                    <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_index']; ?>">
                                        <h5 class="card-title"><?php echo $row['Title'] ?></h5>
                                    </a>
                                </div>
                            </div>
                        </div>
                    <?php
                }
            >
        </div>
    <?php
}

```

Showing new movies on the home page

```

<div class="container text-center">
    <div class="row row-cols-3" style="padding-bottom: 0%;">
        <?php
            $sql = "SELECT * FROM movies m INNER JOIN old_movies o ON m.Movie_index=o.Movie_index LIMIT 3";
            $result = mysqli_query($db, $sql);
            if (mysqli_num_rows($result) > 0) {
                //Here we will print every row that is returned by our query
                while ($row = mysqli_fetch_assoc($result)) {
                    <?php
                        <div class="col-4">
                            <div class="card" style="size:0cap">
                                <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_index']; ?>"></a><br />
                                <div class="card-body">
                                    <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_index']; ?>">
                                        <h5 class="card-title"><?php echo $row['Title'] ?></h5>
                                    </a><br /><br />
                                </div>
                            </div><br><br><br>
                        </div>
                    <?php
                }
            >
        </div>
        <div style="text-align: right; margin: 20px 0;">
            <a class="nav-link" href="available_movies.php"><button type="button" class="btn btn-secondary rounded-pill fw-bold" style="background-color: beige; color: black;">
                Show All Movies
            </button></a>
        </div>
    <?php
}

```

Showing three old movies on the home page

```

<div class="line"></div><br />
<div id="movies">
    <div class="container">
        <section class="section1" padding-left:10px>
            <h5><strong><i> All Movies </i></strong></h5>
        </section>
    </div>

    <?php
    $sql = "SELECT DISTINCT Genre FROM movie_genre";
    $result = mysqli_query($db, $sql);
    ?>
    <div class="container">
        <section>
            <div class="filter-genres">
                <p><?php while ($row = mysqli_fetch_assoc($result)) { ?>
                    <a class="nav-link" href="available_movies.php?genre=<?php echo $row['Genre']; ?>">
                        <?php echo $row['Genre'] ?>
                    </a>
                <?php } ?>
                </div>
            </section>
        </div>
    <br /><br />
    <div class="container text-center">
        <div class="row row-cols-3" style="padding-bottom: 0;">
            <?php
            $genre = isset($_GET['genre']) ? $_GET['genre'] : "";
            if ($genre) {
                $sql = "SELECT * FROM movies M INNER JOIN movie_genre G ON M.Movie_Index=G.Movie_Index where G.Genre='$genre'";
            } else {
                $sql = "SELECT * FROM movies";
            }
            $result = mysqli_query($db, $sql);
            if (mysqli_num_rows($result) > 0) {
                // here we will print every row that is returned by our query
                while ($row = mysqli_fetch_assoc($result)) { ?>
                    <div class="col-4">
                        <div class="card" style="size:0cap">
                            <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_Index']; ?>"></a>
                            <div class="card-body">
                                <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_Index']; ?>">
                                    <h5 class="card-title"><?php echo $row['Title'] ?></h5>
                                </a>
                            </div>
                        </div><br /><br />
                    </div>
                <?php
            } ?>
            </div>
        </div>
    <br /><br />
    <div class="container text-center">
        <div class="row row-cols-3" style="padding-bottom: 0;">
            <?php
            $genre = isset($_GET['genre']) ? $_GET['genre'] : "";
            if ($genre) {
                $sql = "SELECT * FROM movies M INNER JOIN movie_genre G ON M.Movie_Index=G.Movie_Index where G.Genre='$genre'";
            } else {
                $sql = "SELECT * FROM movies";
            }
            $result = mysqli_query($db, $sql);
            if (mysqli_num_rows($result) > 0) {
                // here we will print every row that is returned by our query
                while ($row = mysqli_fetch_assoc($result)) { ?>
                    <div class="col-4">
                        <div class="card" style="size:0cap">
                            <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_Index']; ?>"></a>
                            <div class="card-body">
                                <a class="nav-link" href="movies.php?id=<?php echo $row['Movie_Index']; ?>">
                                    <h5 class="card-title"><?php echo $row['Title'] ?></h5>
                                </a>
                            </div>
                        </div><br /><br />
                    </div>
                <?php
            } ?>
            </div>
        </div>
    </div>

```

Backend code for selecting the genre and showing movie based on genre in all movies page

```

<?php
session_start();
error_reporting(0);
include("connection/dbconnect.php"); //connection
if (isset($_POST['submit'])) {
    if (
        empty($_POST['username']) ||
        empty($_POST['fname']) ||
        empty($_POST['email']) ||
        empty($_POST['phone']) ||
        empty($_POST['password']) ||
        empty($_POST['cpassword']))
    ) {
        $message = "All fields must be Required!";
    } else {
        //checking if username and email already exists in database
        $check_username = mysqli_query($db, "SELECT Username FROM users where Username = '" . $_POST['username'] . "' ");
        $check_email = mysqli_query($db, "SELECT Email FROM users where Email = '" . $_POST['email'] . "' ");
    }
}
Code Suggestions

if ($_POST['password'] != $_POST['cpassword']) { //matching passwords
    $message = "Password not match";
} elseif (strlen($_POST['password']) < 6) //checking if password length is less than 6 or not
{
    $message = "Password Must be >=6";
} elseif (strlen($_POST['phone']) < 10) //checking if password length is less than 6 or not
{
    $message = "invalid phone number!";
} elseif (!filter_var($_POST['email'], FILTER_VALIDATE_EMAIL)) // Validate email address
{
    $message = "Invalid email address please type a valid email!";
} elseif (mysqli_num_rows($check_username) > 0) //check username
{
    $message = 'username Already exists!';
} elseif (mysqli_num_rows($check_email) > 0) //check email
{
    $message = 'Email Already exists!';
} else {

    //inserting values into db
    $sql = "INSERT INTO users(Username, Email, Pass)
VALUES('" . $_POST['username'] . '',
      '" . $_POST['email'] . '',
      '" . $_POST['password'] . "')";

    mysqli_query($db, $sql);
    //Retrieving id of inserted user
    $user_id = mysqli_insert_id($db);
    $sql = "INSERT INTO customer(Customer_Name, Phone_Number, Customer_ID)
VALUES('" . $_POST['fname'] . '',
      '" . $_POST['phone'] . '',
      '$user_id')";

    mysqli_query($db, $sql);

    $success = "Account Created successfully! <p>You will be redirected in <span id='counter'>5</span> second(s).</p>
    <script type='text/javascript'>

```

```

<section class="contact-page inner-page" style="color:#2484A4;">
<div class="container">
<div class="row">
<div class="col-sm-8">
<div class="widget">
<div class="widget-body">
<form action="" method="post">
<div class="row">
<div class="form-group col-sm-12">
<label for="exampleInputEmail1" style="font-size: 21px;">User Name:
<input class="form-control" type="text" name="username" id="exampleTextInput" placeholder="User Name"/>
</div>
<div class="form-group col-sm-6">
<label for="exampleInputEmail1" style="font-size: 21px;">Full Name:
<input class="form-control" type="text" name="name" id="exampleTextInput" placeholder="Full name"/>
</div>
<div class="form-group col-sm-6">
<label for="exampleInputEmail1" style="font-size: 21px;">Email Address:
<input type="text" class="form-control" name="email" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter email" <small id="emailHelp" class="form-text text-muted" style="font-size: 16px;">We'll never share your email with anyone else.
</div>
<div class="form-group col-sm-6">
<label for="exampleInputEmail1" style="font-size: 21px;">Phone Number:
<input class="form-control" type="text" name="phone" id="exampleTelInput3" placeholder="Phone" <small class="form-text text-muted" style="font-size: 16px;">We'll never share your email with anyone else.
</div>
<div class="form-group col-sm-6">
<label for="exampleInputPassword1" style="font-size: 21px;">Password:
<input type="password" class="form-control" name="password" id="exampleInputPassword1" placeholder="Password"/>
</div>
<div class="form-group col-sm-6">
<label for="exampleInputPassword1" style="font-size: 21px;">Repeat Password:
<input type="password" class="form-control" name="cpassword" id="exampleInputPassword2" placeholder="Password"/>
</div>
<br/>
<div class="row">
<div class="col-sm-4">
<p><input type="submit" value="Register" name="submit"> </p>
</div>
</div>
</form>

```

Backend code for registration

Contribution of ID : 23241108, Name : Rejwan Shafi

Backend code for movie search and this search option is only available in all movies page

```
<div class="container-fluid">
    <a class="navbar-brand" href="index.php">  </a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <!-- Empty div to push menu items to right -->
        <div class="me-auto"></div>
        <ul class="navbar-nav">
            <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="index.php" style="color:white;font-style:italic;">Home</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="available_movies.php" style="color:white;font-style:italic;">Movies</a>
            </li>
            <!-- Rest of items -->
            <li class="nav-item">
                <form class="d-flex" role="search">
                    <input id="search" class="form-control me-2" type="search" id="search" placeholder="Search" aria-label="Search">
                    <button class="btn btn-outline-success" type="submit" id="search-btn">Search</button>
                </form>
            <!-- Menu items -->
            </li>
        </ul>
        <?php
        if (empty($_SESSION['user_id'])) {
            echo '<li class="nav-item"><a href="login.php" class="nav-link active" style="color:white;font-style:italic;">Login</a> </li>';
            echo '<li class="nav-item"><a href="registration.php" class="nav-link active" style="color:white;font-style:italic;">Signup</a> </li>';
        } else {
            echo '<li class="nav-item"><a href="movie_request.php" class="nav-link active" style="color:white;font-style:italic;">Request a Movie</a> </li>';
            //echo '<li class="nav-item"><a href="Ticket_Purchase.php" class="nav-link active" style="color:white;font-style:italic;">Buy Tickets</a> </li>';
            echo '<li class="nav-item"><a href="Customer_Profile.php" class="nav-link active" style="color:white;font-style:italic;">Profile</a> </li>';
            echo '<li class="nav-item"><a href="logout.php" class="nav-link active" style="color:white;font-style:italic;">Logout</a> </li>';
        }
        ?>
    </div>
```

```
<div id="searchresult"></div>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

<script>
    $("#search-btn").click(function(event) {
        event.preventDefault();

        var searchTerm = $("#search").val();

        $.ajax({
            url: "search.php",
            type: "POST",
            data: {
                search: searchTerm
            },
            success: function(data) {
                $("#movies").html(data);
            }
        });
    });
</script>
```

Backend code for search.php file that shows the movies based on the search field

```

<?php
include("connection/dbconnect.php"); //include connection file
error_reporting(0); // using to hide undefined index errors
session_start(); //start temp session until logout/browser closed

$searchTerm = mysqli_real_escape_string($db, $_POST['search']);

$sql = "SELECT * FROM movies WHERE Title LIKE '%$searchTerm%'";
$result = mysqli_query($db, $sql);

if (mysqli_num_rows($result) > 0) {
    //here we will print every row that is returned by our query $sql
    while ($movie = mysqli_fetch_array($result)) {
        //here we have to write some HTML code, so we will close php tag
    }
    <div class="container text-center">
        <div class="row row-cols-3" style="padding-bottom: 0;">
            <div class="col-4">
                <div class="card" style="size:0cap">
                    <a class="nav-link" href="movies.php?id=<?php echo $movie['Movie_Index']; ?>"><img src=<?php echo $movie['CImage']; ?>" class="card-img-top"></a>
                    <div class="card-body">
                        <a class="nav-link" href="movies.php?id=<?php echo $movie['Movie_Index']; ?>">
                            <h5 class="card-title"><?php echo $movie['Title'] ?></h5>
                        </a>
                    </div>
                </div>
            </div>
        </div>
    </div>
}

<?php
}
}
?>

```

Backend code for movies page that shows selected movie details and stream or ticket purchase option. If the user is not logged in it redirects them to the login page. If the user is logged in only then they can purchase the ticket for the new movie. The ticket purchase option is shown only when it is a new movie. if it's an old movie it shows a stream now option.

```

<?php

include("connection/dbconnect.php"); //include connection file
error_reporting(0); // using to hide undefined index errors
session_start(); //start temp session until logout/browser closed

//Get movieID
$movie_id = $_GET['id'];
$isNewMovie = false;
$isOldMovie = false;
$U_id = $_SESSION["user_id"];

//Retrieving Movie Details
$sql = "SELECT * FROM movies WHERE Movie_index=$movie_id";
$result = mysqli_query($db, $sql);
$movie = mysqli_fetch_assoc($result);
$trailer_link = $movie["Trailer_link"];
$video_id = explode('=', $trailer_link)[1];

//Checking if new or old movie
$sql = "SELECT * FROM new_movies WHERE Movie_index=$movie_id";
if (mysqli_num_rows(mysqli_query($db, $sql)) > 0) {
    $isNewMovie = true;
}

$sql = "SELECT * FROM old_movies WHERE Movie_index=$movie_id";
$old_result = mysqli_query($db, $sql);
if (mysqli_num_rows($old_result) > 0) {
    $isOldMovie = true;
    $oldMovie = mysqli_fetch_assoc($old_result);
    $stream_link = $oldMovie["Stream_Link"];
}

if (isset($_POST["Buy_Ticket"]) || isset($_POST["addComments"])) {

    // Check if user logged in
    if (!isset($_SESSION["user_id"])) {

        // User not logged in
        header("Location: login.php");
        exit('Success');
    } else {
        if (isset($_POST["Buy_Ticket"])) {

            // Redirect to ticket purchase page
            header("Location: Ticket_Purchase.php?id=$movie_id");
            exit;
        }
    }
}

?>

```

```

1 <div class="line"></div><br /><br />
2 <div class="container">
3   <section class="section1 padding-left: 10px">
4     <h2><?php echo $movie['Title']; ?></h2>
5     <div class="line"></div>
6   </section>
7 </div>
8 <br /><br />
9 <div class="container">
10  <div class="row">
11    <div class="col-md-6">
12      <div class="card" style="size:10px;">
13        <!-- Movie Cover Image -->
14        <img src=<?php echo $movie["CImage"]; ?>>
15      </div>
16    </div>
17    <!-- vertical line -->
18
19    <div class="col-md-6" style="background-color:White; opacity:0.75;">
20      <!-- Retrieving Release Year -->
21      <div class="row" style="color:Black; opacity:1;">
22        <p>
23          <?php echo $movie['Title']; ?></h2></p>
24        <p>
25          This Release Date : <?php echo $movie['Release_Date']; ?></h5>
26        </p>
27        <div class="line1"></div>
28      </div>
29      <!-- Retrieving Watch Time -->
30      <div class="row" style="color:Black; opacity:1;">
31        <p>
32          <?php echo $movie['Watch_Time']; ?> Minutes</h5>
33        </p>
34        <div class="line1"></div>
35      </div>
36      <!-- Retrieving Prequel -->
37      <div class="row" style="color:Black; opacity:1;">
38        <p>
39          <?php
40            if ($movie['Pre_sequel'] == NULL) {
41              echo "None";
42            } else {
43              echo $movie['Pre_sequel'];
44            }
45          ?>
46        </h5>
47        </p>
48        <div class="line1"></div>
49      </div>
50      <!-- Retrieving Country -->
51      <div class="row" style="color:Black; opacity:1;">
52        <?php echo $movie['Country']; ?></h5>
53        </p>
54        <div class="line1"></div>
55      </div>
56      <!-- Retrieving Genre -->
57      <div class="row" style="color:Black; opacity:1;">
58        <?php
59          $sql = "SELECT * FROM movie_genre WHERE Movie_Index=$movie_id";
60          $result = mysqli_query($db, $sql);
61          $genres = array();
62
63          while ($row = mysqli_fetch_assoc($result)) {
64            $genres[] = $row['Genre'];
65          }
66
67          // ... Concatenating infos ...
68          $gen = "<?php echo implode(", ", $genres); ?></h5>";
69        </p>
70        <div class="line1"></div>
71      </div>
72      <!-- Retrieving Cast Info -->
73      <div class="row" style="color:Black; opacity:1;">
74        <?php
75
76          $sql = "SELECT * FROM movie_castings WHERE Movie_Index=$movie_id";
77          $result = mysqli_query($db, $sql);
78          $casts = array();
79
80          while ($row = mysqli_fetch_assoc($result)) {
81            $casts[] = $row['Cast'];
82          }
83
84          // ... Concatenating infos ...
85          $cast = "<?php echo implode(", ", $casts); ?></h5>";
86        </p>
87        <div class="line1"></div>
88      </div>
89
90      <div><br /><br />
91    </div><div class="line"></div>
92
93    <div class="row" style="color:aliceblue;">
94      <div class="col-sm-6">
95        <p>
96          <h3>Trailer</h3>
97          <?php
98            iframe width="560" height="315" src="https://www.youtube.com/embed/<?php echo $video_id; ?>?autoplay=1" frameborder="0" allowfullscreen></iframe>
99          </div>
100         <div class="col-sm-6">
101           <section class="movie-details">
102             <p>
103               <?php echo $movie["Summary"]; ?>
104             </p>
105           </section>
106         <br />
107       <!-- Checking if old or new movie -->
108       <?php if ($isOldMovie) { ?>
109         <section class="movie-details">
110           <p>
111             <?php echo $stream_link; ?>
112           </p>
113           <?php echo "<a class='btn btn-primary' href='".$stream_link."' role='button'>Stream</a>"; ?>
114         </section>
115       <?php } else { ?>
116         <?php echo "Buy tickets for new movies -->" ?>
117         <form action="" method="POST">
118           <button name="Buy_Ticket">Buy Tickets</button>
119         </form>
120       <?php } ?>

```

If the admin is not logged in it won't show them any admin page. It is the backend code for admin to show movie details and update the stream or trailer link of each movie or delete that movie from the database

```
<?php
include("../connection/dbconnect.php"); // Include connection file
error_reporting(0); // Using to hide undefined index errors
session_start(); // Start temp session until logout/browser closed
if (!isset($_SESSION["adm_id"])) {
    // Redirect to the Login page
    header("Location: index.php");
}
?>

</div>
<center>
<section style="background-color:#a8dadc;">
<h2>Movies</h2><br />
<table>
<thead>
<tr>
<th>Index</th>
<th>Title</th>
<th>Trailer</th>
<th>Year</th>
<th>Runtime</th>
<th>Genres</th>
<th>Casts</th>
<th>Prequel</th>
</tr>
</thead>
<tbody>
<?php
$movieType = isset($_GET['filter']) ? $_GET['filter'] : "";
if ($movieType == "old") {
    echo "<th>Stream Link</th>";
}
if (($movieType == "all") || ($movieType == "")) {
    echo "<th>Action</th>";
} else {
}
?>

</tr>
</thead>
<tbody>
<?php
if ($movieType == "new") {
    $sql = "SELECT M.*, GROUP_CONCAT(DISTINCT G.Genre) AS MovieGenres, GROUP_CONCAT(DISTINCT C.Cast) AS MovieCasts FROM movies M INNER JOIN new_movies N on M.Movie_index=N.Movie_index LEFT JOIN movie_genre G ON M.Movie_index = G.Movie_index LEFT JOIN movie_castings C ON M.Movie_index = C.Movie_index GROUP BY M.Movie_index";
    $result = mysqli_query($db, $sql);
}
if ($result) {
    while ($row = mysqli_fetch_assoc($result)) {
        echo "<tr>";
        echo "<td>" . $row['Movie_index'] . "</td>";
        echo "<td>" . $row['Title'] . "</td>";
        echo "<td>" . $row['Trailer_link'] . "</td>";
        echo "<td>" . $row['Release_Date'] . "</td>";
        echo "<td>" . $row['Watch_Time'] . ' min' . "</td>";
        echo "<td>" . $row['MovieBanner'] . "</td>";
        echo "<td>" . $row['MovieCasts'] . "</td>";
        echo "<td>" . $row['Pre_sequel'] . "</td>";
    }
    echo "</tr>";
}
?>

</tbody>
<?php
if ($movieType == "new") {
    $sql = "SELECT M.*, GROUP_CONCAT(DISTINCT G.Genre) AS MovieGenres, GROUP_CONCAT(DISTINCT C.Cast) AS MovieCasts FROM movies M INNER JOIN new_movies N on M.Movie_index=N.Movie_index LEFT JOIN movie_genre G ON M.Movie_index = G.Movie_index LEFT JOIN movie_castings C ON M.Movie_index = C.Movie_index GROUP BY M.Movie_index";
    $result = mysqli_query($db, $sql);
}
if ($result) {
    while ($row = mysqli_fetch_assoc($result)) {
        echo "<tr>";
        echo "<td>" . $row['Movie_index'] . "</td>";
        echo "<td>" . $row['Title'] . "</td>";
        echo "<td>" . $row['Trailer_link'] . "</td>";
        echo "<td>" . $row['Release_Date'] . "</td>";
        echo "<td>" . $row['Watch_Time'] . ' min' . "</td>";
        echo "<td>" . $row['MovieGenres'] . "</td>";
        echo "<td>" . $row['MovieCasts'] . "</td>";
        echo "<td>" . $row['Pre_sequel'] . "</td>";
    }
    echo "</tr>";
}
?>
```

```

<?php
if ($movieType == "old") {
    $sql = "SELECT M.* , GROUP_CONCAT(DISTINCT G.Genre) AS MovieGenres , GROUP_CONCAT(DISTINCT C.Cast) AS MovieCasts,O.Stream_Link FROM movies M INNER JOIN old_movies O on M.Movie_Index=O.Movie_Index LEFT JOIN movie_genres G ON M.Movie_Index = G.Movie_Index LEFT JOIN movie_casings C ON M.Movie_Index = C.Movie_Index GROUP BY M.Movie_Index";
    $result = mysqli_query($db, $sql);

    if ($result) {
        while ($row = mysqli_fetch_assoc($result)) {
            echo "<tr>";
            echo "<td>" . $row['Movie_Index'] . "</td>";
            echo "<td>" . $row['Title'] . "</td>";
            echo "<td>" . $row['Trailer_Link'] . "</td>";
            echo "<td>" . $row['Release_Date'] . "</td>";
            echo "<td>" . $row['Watch_Time'] . 'mins' . "</td>";
            echo "<td>" . $row['MovieGenres'] . "</td>";
            echo "<td>" . $row['MovieCasts'] . "</td>";

            echo "<td>" . $row['Pre_Sequel'] . "</td>";
            echo "<td>" . $row['Stream_Link'] . "</td>";
        }
        echo "</tr>";
    }
}
if ($movieType == "all") {
    $sql = "SELECT M.* , GROUP_CONCAT(DISTINCT G.Genre) AS MovieGenres , GROUP_CONCAT(DISTINCT C.Cast) AS MovieCasts FROM movies M LEFT JOIN movie_genres G ON M.Movie_Index = G.Movie_Index LEFT JOIN movie_casings C ON M.Movie_Index = C.Movie_Index GROUP BY M.Movie_Index";
    $result = mysqli_query($db, $sql);

    if ($result) {
        while ($row = mysqli_fetch_assoc($result)) {
            echo "<tr>";
            <form method="POST" action=">
                <input type="hidden" name="movieIndex" value=<?php echo $row['Movie_Index']; ?>>
                <td>" . $row['Movie_Index'] . "</td>";
                echo "<td>" . $row['Title'] . "</td>";
                echo "<td>" . $row['Trailer_Link'] . "</td>";
                echo "<td>" . $row['Release_Date'] . "</td>";
                echo "<td>" . $row['Watch_Time'] . 'mins' . "</td>";
                echo "<td>" . $row['MovieGenres'] . "</td>";
                echo "<td>" . $row['MovieCasts'] . "</td>";

                echo "<td>" . $row['Pre_Sequel'] . "</td>";
            >
            <td>

                <button class="deleteBtn" name="delete" style=' background-color: red;color: white; border: none; border-radius: 4px;padding: 8px 12px; '>Delete</button>
                </form>
                <a href="edit_details.php?id=<?php echo $row['Movie_Index']; ?>" target="_blank"><button style=' background-color: green;color: white; border: none; border-radius: 4px;padding: 8px 12px; '>Update</button>
            </td>
        }
        echo "</tr>";
    }
}

```

```

<?php
if(isset($_POST['delete']) && $_POST['movieIndex'] == $row['Movie_Index']){
    $sql = "DELETE FROM movies WHERE Movie_Index = '" . $_POST['movieIndex'] . "'";
    mysqli_query($db,$sql);
    header("Location: allmovies.php");
    exit();
}

}
echo "</tr>";
}
?>

```

Backend code for updating movie stream or trailer link based on whether it is an old or new movie.

```

<?php
include("../connection/dbconnect.php"); // Include connection file
error_reporting(0); // Using to hide undefined index errors
session_start(); // Start temp session until logout/browser closed
if (!isset($_SESSION['adm_id'])) {
    // Redirect to the login page
    header("Location: index.php");
}
$id = $_GET['id'];
$sql = "SELECT * FROM old_movies WHERE Movie_index=$id";
$result = mysqli_query($db, $sql);

$isOld = mysqli_num_rows($result) > 0;
if ($isOld) {
    $sql = "SELECT m.Title, m.Movie_index,m.Trailer_link, o.Stream_Link FROM movies m
INNER JOIN old_movies o ON m.Movie_index = o.Movie_index
WHERE m.Movie_index=$id";
    $result = mysqli_query($db, $sql);
    $movie = mysqli_fetch_assoc($result);
} else {

    $sql = "SELECT m.*, n.Movie_index FROM movies m INNER JOIN new_movies n ON m.Movie_index = n.Movie_index AND m.Movie_index=$id";
    $result = mysqli_query($db, $sql);
    $movie = mysqli_fetch_assoc($result);
}

?>

```

```

<?php if ($isOld) {
    echo '<div class="row">';
    echo '<div class="form-group col-sm-8">';
    echo '<label for="exampleInputEmail1" style="font-size: 21px;">Stream Link</label>';
    echo '<input class="form-control" type="text" name="stream">';
    echo '</div>';
    echo '</div>';
    echo "<br/><br/>";
    echo '<div class="row">';
    echo '<div class="form-group col-sm-8">';
    echo '<label for="exampleInputEmail1" style="font-size: 21px;">Trailer Link</label>';
    echo '<input class="form-control" type="text" name="Trailer">';
    echo '</div>';
    echo '</div>';
    echo "<br/><br/>";
} else {
    echo '<div class="row">';
    echo '<div class="form-group col-sm-8">';
    echo '<label for="exampleInputEmail1" style="font-size: 21px;">Trailer link</label>';
    echo '<input class="form-control" type="text" name="Trailer">';
    echo '</div>';
    echo '</div>';
    echo "<br/><br/>";
} ?>
<div class="row">
    <div class="form-group col-sm-4">
        <p> <input type="submit" value="Submit" name="submit"> </p>
    </div>
</div><br /><br />
</form>

</div>
</div>
</div>

```

```

<?php
if (isset($_POST['submit']) && $isOld) {
    $stream = $_POST['stream'];
    $trailer = $_POST['Trailer'];
    if (!empty($stream) && !empty($trailer)) {
        $sql = "UPDATE old_movies SET Stream_Link='$stream' WHERE Movie_index=$id;";
        mysqli_query($db, $sql);
        $sql = "UPDATE movies SET Trailer_link='$trailer' WHERE Movie_index=$id;";
        mysqli_query($db, $sql);
    } else if (!empty($stream)) {
        $sql = "UPDATE old_movies SET Stream_Link='$stream' WHERE Movie_index=$id;";
        mysqli_query($db, $sql);
    } else if (!empty($trailer)) {
        $sql = "UPDATE movies SET Trailer_link='$trailer' WHERE Movie_index=$id;";
        mysqli_query($db, $sql);
    } else {
        $message = "No data to update";
        header("Location: edit_details.php");
    }
} else if (isset($_POST['submit'])) {
    $trailer = $_POST['Trailer'];
    if (!empty($trailer)) {
        $sql = "UPDATE movies SET Trailer_link='$trailer' WHERE Movie_index=$id;";
        mysqli_query($db, $sql);
    } else {
        $message = "No data to update";
        header("Location: edit_details.php");
    }
}
?>

```

Backend code for removing a customer from the database

```

<center>
  <section style="background-color:#a8dadc;">
    <h2>i>Customer Info</i></h2><br />
    <table>
      <thead>
        <tr>
          <th>Customer ID</th>
          <th>Username</th>
          <th>Customer Name</th>
          <th>Email</th>
          <th>Phone</th>
          <th> Action </th>
        </tr>
      </thead>
      <tbody>
        <?php
        $sql = "SELECT u.*,c.Customer_Name,c.Phone_number FROM users u INNER JOIN customer c ON U.U_ID=c.Customer_ID";
        $result = mysqli_query($db, $sql);
        if ($result) {
          while ($row = mysqli_fetch_assoc($result)) {
            echo "<tr>";
            echo "<td>";
            <form method="POST" action="">
              <input type="hidden" name="Cust_ID" value=<?php echo $row['U_ID']; ?>>;
              <?php
              echo "<td>" . $row['U_ID'] . "</td>";
              echo "<td>" . $row['Username'] . "</td>";
              echo "<td>" . $row['Customer_Name'] . "</td>";
              echo "<td>" . $row['Email'] . "</td>";
              echo "<td>" . $row['Phone_number'] . "</td>";
            <?>
            <td>
              <button class="deleteBtn" name="delete" style=" background-color: red;color: white; border: none; border-radius: 4px; padding: 8px 12px; '>Delete</button>
            </td>
          </form>
        </td>
        <?php
        if (isset($_POST['delete']) && $_POST['Cust_ID'] == $row['U_ID']) {
          $sql = "DELETE FROM users WHERE U_ID = " . $_POST['Cust_ID'] . "";
          mysqli_query($db, $sql);
          header("Location: allmovies.php");
          exit();
        }
        echo "</tr>";
      }
    >>
  </tbody>
</table>
</section>
</center>

```

Backend code for updating customer profile and updating customer password and phone number

```

<?php
include("connection/dbconnect.php"); //include connection file
error_reporting(0); // using to hide undefined index errors
session_start(); //start temp session until logout/browser closed

?>
<?php
if (isset($_POST['submit'])) {

    $userId = $_SESSION['user_id'];

    $newPass = $_POST['newPass'];
    $newPhone = $_POST['newPhone'];

    if (!empty($newPass) && !empty($newPhone)) {

        // Update both password and phone
        $sql = "UPDATE users SET Pass='$newPass' WHERE U_ID=$userId";
        mysqli_query($db, $sql);

        $sql = "UPDATE customer SET Phone_Number='$newPhone' WHERE Customer_ID=$userId";
        mysqli_query($db, $sql);
        header("Location: index.php");
    } else if (!empty($newPass)) {

        // Update only password
        $message = "Password Updated";
        $sql = "UPDATE users SET Pass='$newPass' WHERE U_ID=$userId";
        mysqli_query($db, $sql);

        header("Location: index.php");
    } else if (!empty($newPhone)) {

        // Update only phone
        $message = "Phone Number Updated";
        $sql = "UPDATE customer SET Phone_Number='$newPhone' WHERE Customer_ID=$userId";
        mysqli_query($db, $sql);

        header("Location: index.php");
    } else {
        $message = "No data to update";
        header("Location: Customer_profile.php");
    }
}
?>

```

```

<?php
$user_id = $_SESSION['user_id'];
$sql = "SELECT * FROM users U inner join customer C on U.U_ID=C.Customer_ID where U.U_ID=$user_id";

$result = mysqli_query($db, $sql);

$user_data = mysqli_fetch_assoc($result);
?>

```

```

1 <div class="container text-center">
2     <div class="row">
3         <div class="col-md-12" style="background-color:#E4DCCF; opacity:1; color: black; font-family: Arial, Helvetica, sans-serif; font-size: medium;">
4             <br/><br/>
5             <section>
6                 <br />
7                 Welcome <input value="<?php echo $user_data['Customer_Name'] ?>" disabled>;
8             </section>
9             <br />
10            <form action="" method="post">
11                <div class="row">
12                    <div class="form-group col-sm-8">
13                        <h3>Username: <input value="<?php echo $user_data['Username'] ?>" disabled></h3>
14                    </div>
15                </div><br /><br />
16                <div class="row">
17                    <div class="form-group col-sm-8">
18                        <h3>Name: <input value="<?php echo $user_data['Customer_Name'] ?>" disabled></h3>
19                    </div>
20                </div><br /><br />
21                <div class="row">
22                    <div class="form-group col-sm-8">
23                        <h3>Email Address: <input value="<?php echo $user_data['Email'] ?>" disabled></h3>
24                    </div>
25                </div><br /><br />
26                <div class="row">
27                    <div class="form-group col-sm-8">
28                        <h3>Password: <input id="password" value="<?php echo $user_data['Pass'] ?>" disabled></h3>
29                    </div>
30                </div><br />
31                <div class="row">
32                    <div class="form-group col-sm-8">
33                        <h3>Phone Number: <input id="phone" value="<?php echo $user_data['Phone_number'] ?>" disabled></h3>
34                    </div>
35                </div><br />
36
37                <div class="row">
38                    <div class="col-sm-4">
39                        <p> <button type="button" id="update-prof-btn">Update Profile</button>
40                    </p>
41                </div>
42            </div>
43
44            <div id="prof-input" style="display:none; text-align:center;">
45
46                <div class="form-group col-sm-8">
47                    New Password: <input type="password" name="newPass">
48                <br/><br/>
49
50                    New Phone: <input type="text" name="newPhone">
51                </div>
52                <br/>
53                <br/>
54                <p><input type="submit" value="Register" name="submit"> </p>
55
56
57            </div>
58
59        </form>
60
61    </div>
62
63    </div>
64
65    <script>
66        const updateBtn = document.getElementById('update-prof-btn');
67        const profInput = document.getElementById('prof-input');
68
69        updateBtn.addEventListener('click', () => {
70            profInput.style.display = 'block';
71        });
72    </script>
73
74

```

Backend code for admin home page

Backend code for ticket purchase

```

<?php
include('connection/dbcconnect.php'); // Include connection file
error_reporting(0); // Using to hide undefined index errors
session_start(); // Start temp session until logout/browser closed
if (!isset($_SESSION["user_id"])) {

    // User not logged in
    header('Location: login.php');
    exit('Success');
}

$uid = $_SESSION['user_id'];
$movieid = $_GET['id'];
$sql = "SELECT * FROM new_movies m INNER JOIN movies m_ ON n.Movie_Index=m.Movie_Index WHERE n.Movie_Index=$movieid";
$result = mysqli_query($db, $sql);
$movie = mysqli_fetch_assoc($result);
$mov_hall = $movie["hall_number"];

$sql = "SELECT h.Hall_Number, h.Type, h.seats, h.Price, hd.Remaining_Seat, hd.Times, n.Movie_Index, m.Title FROM hall h LEFT JOIN hall_details hd ON h.Hall_Number = hd.Hall_Number INNER JOIN new_movies n ON h.Hall_Number = n.Hall_Number
INNER JOIN movies m ON n.Movie_Index = m.Movie_Index WHERE h.Hall_Number = (SELECT n.hall_number FROM new_movies n WHERE n.Movie_Index = '$movieid') AND h.Hall_Number=$mov_hall ";
$hall_timings_result = mysqli_query($db, $sql);
$hall_timings = array();

while ($row = mysqli_fetch_assoc($hall_timings_result)) {
    $hall_timings[$row['Hall_Number']][] = $row['Times'];
    $cinetype = $row['Type'];
    $price = $row['Price'];
    $hall_id = $row['Hall_Number'];
    $title = $row['Title'];
    $available_seats = $row['Remaining_Seat'];
}

>>

```

```

<div class="modal-body">

    <form action="payment_confirmation.php" method="POST">
        <div class="row">
            <div class="form-group col-sm-8">
                <input class="form-control" type="text" name="uid" value=<?php echo $uid; ?>" hidden>
                <input class="form-control" type="text" name="mid" value=<?php echo $movieid; ?>" hidden>
                <input class="form-control" type="text" name="Availableseats" value=<?php echo $available_seats; ?>" hidden>
            </div>
        </div><br /><br />
        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Title</label>
                <input class="form-control" type="text" name="titlex" value=<?php echo $movie['Title']; ?>" disabled>
                <input class="form-control" type="text" name="title" value=<?php echo $movie['Title']; ?>" hidden>
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Cinema Type</label>
                <input class="form-control" type="text" name="Cine_type" value=<?php echo $cinetype; ?>" disabled>
                <input class="form-control" type="text" name="Cine_type" value=<?php echo $cinetype; ?>" hidden>
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Hall Number</label>
                <input class="form-control" type="text" name="hall_no" value=<?php echo $hall_id; ?>" disabled>
                <input type="hidden" name="hall_no" value=<?php echo $hall_id; ?>">
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Hall Timing</label>
                <select name="timing">
                    <?php foreach ($hall_timings as $hall_number => $timings) {
                        foreach ($timings as $time) {
                            echo "<option value=\"$time\">$time</option>";
                        }
                    } ?>
                </select>
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="number_of_seats" style="font-size: 21px;">Number of Seats</label>
                <input class="form-control" type="number" name="number_of_seats" min="1" required>
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="date" style="font-size: 21px;">Watch Date</label>

```

```

<div class="row">
    <div class="form-group col-sm-8">
        <label for="number_of_seats" style="font-size: 21px;">Number of Seats</label>
        <input class="form-control" type="number" name="number_of_seats" min="1" required>
    </div><br /><br />

    <div class="row">
        <div class="form-group col-sm-8">
            <label for="date" style="font-size: 21px;">Watch Date</label>
            <input type="date" class="form-control" name="date" required><br />
        </div>
    </div><br /><br />

    <div class="row">
        <div class="form-group col-sm-8">
            <label for="date" style="font-size: 21px;">Price per Seat</label>
            <input type="text" class="form-control" name="price" value="<?php echo $price; ?>" disabled><br />
            <input type="text" class="form-control" name="price" value="<?php echo $price; ?>" hidden>
        </div>
    </div><br /><br />

    <div class="row">
        <div class="form-group col-sm-8">
            <p> <input type="submit" value="Proceed to Payment" name="submit" class="btn btn-primary"> </p>
        </div>
    </div><br /><br />
</div>
</div>
<div class="modal-footer">
    <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Close</button>
</div>
</div>

```

Backend for ticket and payment processing the following page is done by Rejwan and Zubayer

```

<?php
include("connection/dbconnect.php");
// reference | Comment Code | Comments Code
function generatePaymentID($connection) {
    $randomID = rand(100000, 999999); // Generate a random ID
    $paymentID = "mkvd" . $randomID; // Add the "mkvd" prefix
    $query = "SELECT * FROM payment WHERE Payment_ID = '$paymentID'";
    $result = mysqli_query($connection, $query);
    while (mysqli_num_rows($result) > 0);
    return $paymentID;
}
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    // Get form data
    $uid = $_POST['uid'];
    $price = $_POST['price'];
    $movie_id = $_POST['mid'];
    // $title = $_POST['title'];
    // $type = $_POST['type'];
    $hall_no = $_POST['hall_no'];
    $stming = $_POST['stming'];
    $soo_of_seats = $_POST['number_of_seats'];
    $date = $_POST['date'];
    $total = $price*$soo_of_seats;
    $remaining_seat = $_POST['Availableseats'];

    if ($soo_of_seats <= $remaining_seat) {
        $newAvailableSeats = $remaining_seat - $soo_of_seats;
        $updateSeatsQuery = "UPDATE hall_details SET Remaining_Seat = '$newAvailableSeats' WHERE Hall_Number = '$hall_no' AND Times= '$stming' ";
        mysqli_query($db, $updateSeatsQuery);

        $paymentID = generatePaymentID($db);

        // Insert payment details into database
        $insertPaymentQuery = "INSERT INTO payment (Payment_ID, Customer, Amount) VALUES ('$paymentID', '$uid', '$total')";
        mysqli_query($db, $insertPaymentQuery);

        $insertTicketQuery = "INSERT INTO ticket (Ticket_day,Ticket_Time,Customer_ID , Movie_Index ,Hall_Number,Seat_Amount, Transaction_ID ) VALUES ('$date', '$stming','$uid','$movie_id','$hall_no','$soo_of_seats', '$paymentID')";
        mysqli_query($db, $insertTicketQuery);
    }
}
Code Suggestions
echo '<script>';
alert('Payment successful. Your Payment ID is: ' + $paymentID + '. You will be redirected to the homepage in 5 seconds.');
setTimeout(function() {
    window.location.href = 'index.php';
}, 1000);
</script>';

```

```

$insertPaymentQuery = "INSERT INTO payment (Payment_ID, Customer, Amount) VALUES ('$paymentID', '$uid', '$total')";
mysql_query($db, $insertPaymentQuery);

$insertPaymentTicketQuery = "INSERT INTO ticket (Ticket_day,Ticket_Time,Customer_ID , Movie_Index ,Hall_Number,Seat_Amount, Transaction_ID ) VALUES ('$date', '$time','$uid','$movie_id','$hall_no','$no_of_seats', '$paymentID')";
mysql_query($db, $insertPaymentTicketQuery);

Code Suggestions

echo "<script>
alert('Payment successful. Your Payment ID is: $paymentID. You will be redirected to the homepage in 5 seconds.');
setTimeout(function() {
    window.location.href = 'index.php';
}, 1000);
</script>";
}
else{
    if ($no_of_seats > $remaining_seat) {

        echo "<script>
        alert('Error: This hall has only $remaining_seat seats left.');
        setTimeout(function() {
            window.location.href = 'index.php';
        }, 1000);
        </script>";
    } elseif ($remaining_seat == 0) {

        echo "<script>
        alert('No seats available.');
        setTimeout(function() {
            window.location.href = 'index.php';
        }, 1000);
        </script>";
    }
}
>>

```

Contribution of ID : 21101287, Name : Zubayer Hassan

Backend for admin's interface to check all payment history

```

<center>
<section style="background-color:#a8dadc;">
    <h2><i>All Payments</i></h2><br />
    <table>
        <thead>
            <tr>
                <th>Payment_ID</th>
                <th>Customer_ID</th>
                <th>Amount</th>
                <th>Ticket_ID</th>
                <th>Movie Name</th>
                <th>Purchase Date</th>
                <th>Premier Date </th>
            </tr>
        </thead>
        <tbody>
            <?php
                $sql = "SELECT p.,t.Ticket_ID,t.Movie_Index,m.title, t.Purchased_Date,t.Ticket_day FROM ticket t INNER JOIN payment p ON t.Customer_ID = p.Customer
                INNER JOIN new_movies n ON t.Movie_Index = n.Movie_Index INNER JOIN Movies m ON n.Movie_Index = m.Movie_Index ORDER BY Ticket_day asc ";
                $result = mysqli_query($db, $sql);

                if ($result) {
                    while ($row = mysqli_fetch_assoc($result)) {
                        echo "<tr>";
                        echo "<td>" . $row['Payment_ID'] . "</td>";
                        echo "<td>" . $row['Customer'] . "</td>";
                        echo "<td>" . $row['Amount'] . "</td>";
                        echo "<td>" . $row['Ticket_ID'] . " mins" . "</td>";
                        echo "<td>" . $row['Title'] . "</td>";
                        echo "<td>" . $row['Purchased_Date'] . "</td>";
                        echo "<td>" . $row['Ticket_day'] . "</td>";

                        echo "</tr>";
                    }
                }
            >>
        </tbody>
    </table>
</section>
</center>

```

Backend for admin's interface to approve payment

```

<center>
<section style="background-color:#a8dadc;">
  <h2><i>Payment Request</i></h2><br/>
  <table>
    <thead>
      <tr>
        <th>Payment_ID</th>
        <th>Customer_ID</th>
        <th>Admin_ID</th>
        <th>Amount</th>
        <th>Ticket_ID</th>
        <th>Movie Name</th>
        <th>Purchase Date</th>
        <th>Action</th>
      </tr>
    </thead>
    <tbody>
      <?php
        $sql = "SELECT p.,t.Ticket_ID,t.Movie_Index,m.Title, t.Purchased_Date FROM ticket t INNER JOIN payment p ON t.Customer_ID = p.Customer
        INNER JOIN new_movies n ON t.Movie_Index = n.Movie_Index INNER JOIN Movies m ON n.Movie_Index = m.Movie_Index WHERE p.Approved_by is NULL; ";
        $result = mysqli_query($db, $sql);
        if ($result) {
          while ($row = mysqli_fetch_assoc($result)) {
            echo "<tr>";
            <form method="POST" action=""
              <input type="hidden" name="payID" value=<?php echo $row['Payment_ID']; ?>>">
              <?php
                echo "<td>" . $row['Payment_ID'] . "</td>";
                echo "<td>" . $row['Customer'] . "</td>";
                echo "<td>" . $row['Approved_by'] . "</td>";
                echo "<td>" . $row['Amount'] . "</td>";
                echo "<td>" . $row['Ticket_ID'] . 'mins' . "</td>";
                echo "<td>" . $row['Title'] . "</td>";
                echo "<td>" . $row['Purchased_Date'] . "</td>";
              ?>
            <td>
              <button class="deleteBtn" name="Approve" style=' background-color: green;color: white;border: none; border-radius: 4px;padding: 8px 12px;'>Approve</button>
              <!-- <a href="edit_details.php?id=_blank"><button style=' background-color: green;color: white;border: none; border-radius: 4px;padding: 8px 12px;'>Update</button></a> -->
            </td>
          </tr>
        }
        if (isset($_POST['Approve']) && $_POST["payID"] == $row['Payment_ID']) {
          $sql = "UPDATE payment SET Approved_by = '$admin_id' WHERE Payment_ID ='" . $_POST["payID"] . "' ";
          mysqli_query($db, $sql);
          echo "<script>
            success('Payment Approved.');
            setTimeout(function() {
              window.location.href = 'index.php';
            }, 1000);
          </script>";
        }
        echo "</tr>";
      }>
    </tbody>
  </table>
</section>

```

Contribution of ID : 21301009, Name : AYAN PAL

Ensuring database connection

```

4
5  include("connection/dbconnect.php"); //include connection file
6  error_reporting(0);
7  session_start(); //start temp session until logout/browser closed
8

```

For comment section in movies.php

```
391
392
393     <!--comment section-->
394
395     <div id="CS">
396         <h2>Comments</h2>
397         <form id="Form" method="post" action="movies.php">
398             <textarea id="commentInside" placeholder="Write your opinion..." required></textarea>
399             <br><button type="submit" name = "submit_comment">Submit</button>
400         </form>
401     </div>
402
403
404
405
406 <?php
407
408 //FOR COMMENT
409
410 if ($_SERVER['REQUEST_METHOD']=='POST' && isset($_POST['submit_comment'])){
411     $customer_id=$_POST['customer_id'];
412     $movie_index=$_POST['movie_index'];
413     $comments=$_POST['comments'];
414
415     $sql="INSERT INTO comment (customer_id, movie_index, comments) VALUES ($customer_id, $movie_index, $comments)";
416     $s=$conn->prepare($sql);
417     $s->bind_param('iis', $customer_id, $movie_index, $comments);
418
419     if($s->execute()){
420         echo 'okay';
421     } else{
422         echo 'error: '. $s->error;
423     }
424     $s-> close();
425
426 }
```

For reply section

```

431 //FOR REPLY
432
433
434 if ($_SERVER['REQUEST_METHOD']=='POST' && isset($_POST['submit_comment'][0])){
435 $customer_id=$_POST['customer_id'];
436 $movie_index=$_POST['movie_index'];
437 $reply=$_POST['reply'];
438
439 $sql="INSERT INTO reply (customer_id, movie_index, reply) VALUES ($customer_id, $movie_index, $reply)";
440 $s=$conn->prepare($sql);
441 $s->bind_param('iss', $customer_id, $movie_index, $reply);
442
443 if($s->execute()){
444 | echo 'reply okay';
445 } else{
446 | echo 'reply error: '. $s->error;
447 }
448 $s-> close();
449
450 }
451

```

For joining tables and displaying comments

```

452 //tables join and displaying results
453
454
455
456 $sql="SELECT cs.customer_id, c.movie_index, c.comments, rp.reply
457 FROM comment c JOIN customer cs ON c.customer_id=cs.customer_id LEFT JOIN reply rp ON rp.movie_index=c.movie_index";
458 $res=$conn->query($sql);
459 if ($res->num_rows>0){
460 while($row=$res->fetch_assoc()){
461 | echo 'movie index: '.$row['movie_index']. '<br>';
462 | echo 'customer ID: '.$row['customer_id']. '<br>';
463 | echo 'comment: '.$row['comment']. '<br>';
464 | echo 'reply: '.$row['reply']. '<br>';
465 }
466 } else {
467 echo 'No comments';
468 }
469
470 ?>
471
472 </body>
473
474 </html>

```

Contribution of ID : 20101995, Name : EFG

Backend for adding movies

```

<>php
if (isset($_POST["submit"])) {
    $genres = $_POST["genre"];
    $casts = $_POST["cast"];
    $title = $_POST["title"];
    $storyline = $_POST["storyline"];
    $release_date = $_POST["Release_date"];
    $trailer = $_POST["trailer"];
    $watch_time = $_POST["watch_time"];
    $country = $_POST["country"];
    $cover = $_POST["cover"];
    $prequel = $_POST["prequel"];
    //num_genres = $_POST["num_genres"];
    //num_casts = $_POST["num_casts"];
    $is_old = isset($_POST["is_old"]) ? 1 : 0;
    $message = "";
    $stmt = $db->prepare("INSERT INTO movies (Title, Summary, Release_Date, Trailer_link, Watch_Time, Country, CImage, Pre_sequel) VALUES (?, ?, ?, ?, ?, ?, ?, ?)");
    $stmt->bind_param("ssssssss", $_POST["title"], $_POST["storyline"], $_POST["Release_date"], $_POST["trailer"], $_POST["watch_time"], $_POST["country"], $_POST["cover"], $_POST["prequel"]);
    $stmt->execute();

    $movie_id = mysqli_insert_id($db);

    $sql = "INSERT INTO movie_genre VALUES";

    for ($i = 0; $i < count($genres); $i++) {
        $sql .= "($movie_id," . $genres[$i] . ")";
    }

    $sql = rtrim($sql, ",");

    mysqli_query($db, $sql);

    $sql = "INSERT INTO movie_castings VALUES";

    for ($i = 0; $i < count($casts); $i++) {
        $sql .= "($movie_id," . $casts[$i] . ")";
    }

    $sql = rtrim($sql, ",");

    mysqli_query($db, $sql);

    if ($_POST['is_old']) {
        $stream_link = $_POST['stream_link'];

        // Insert for old movie
        $stmt = $db->prepare("INSERT INTO old_movies (Movie_index, Stream_link) VALUES (?, ?)");
        $stmt->bind_param("is", $movie_id, $stream_link);
        $stmt->execute();
    } else {
        // Insert for new movie
        $stmt = $db->prepare("INSERT INTO new_movies (Movie_index) VALUES (?)");
        $stmt->bind_param("i", $movie_id);
        $stmt->execute();
    }
}

```

```

<br />
<form action="" method="post">
    <div class="row">
        <div class="form-group col-sm-8">
            <label for="exampleInputEmail1" style="font-size: 21px;">Title</label>
            <input class="form-control" type="text" name="title">
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label style="font-size: 21px;">Storyline</label>
                <input class="form-control" type="text" name="storyline" maxlength="4000">
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Release Date</label>
                <input class="form-control" type="text" name="Release_date">
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Trailer Link</label>
                <input class="form-control" type="text" name="trailer">
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Watch Time</label>
                <input class="form-control" type="text" name="watch_time">
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Country</label>
                <input class="form-control" type="text" name="country">
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Cover Image</label>
                <input class="form-control" type="text" name="cover">
            </div>
        </div><br /><br />

        <div class="row">
            <div class="form-group col-sm-8">
                <label for="exampleInputEmail1" style="font-size: 21px;">Prequel</label>
                <input class="form-control" type="text" name="prequel">
            </div>
        </div><br /><br />

```

```

        </div>
    </div><br /><br />
<div class="row">
    <div class="form-group col-sm-8">
        <div id="genre_fields"></div>
    </div>
</div><br /><br />

<div class="row">
    <div class="form-group col-sm-8">
        <label for="exampleInputEmail1" style="font-size: 21px;">Number of Casts</label>
        <input class="form-control" type="text" name="num_casts" id="num_casts">
    </div>
</div><br /><br />

<div class="row">
    <div class="form-group col-sm-8">
        <div id="cast_fields"></div>
    </div>
</div>

<div class="row">
    <div class="form-group col-sm-8">
        <div class="form-check">
            <label class="form-check-label" for="is_old" style="font-size: 21px;">Old Movie?</label>
            <input class="form-check-input" type="checkbox" name="is_old" id="is_old">
        </div>
    </div>
</div><br /><br />

<div class="row">
    <div class="form-group col-sm-8">
        <label for="exampleInputEmail1" style="font-size: 21px;">Stream Link </label>
        <input class="form-control" type="text" name="stream_link">
    </div>
</div><br /><br />

<div class="row">
    <div class="form-group col-sm-4">
        <p> <input type="submit" value="Submit" name="submit"> </p>
    </div>
</div><br /><br />

```

Backend for admin interface to check requested movies and insert them in database

```

<?php
include("../connection/dbconnect.php"); // Include connection file
error_reporting(0); // Using to hide undefined index errors
session_start(); // Start temp session until Logout/browser closed
if (!isset($_SESSION["adm_id"])) {
    // Redirect to the login page
    header("Location: index.php"); //
}
$admin_id = $_SESSION["adm_id"];
if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST['add_movie'])) {
    $userId = $_POST['userId'];

    // Update the requested movie to NULL for the selected customer
    $updateQuery = "UPDATE customer SET Requested_Movie = NULL, Admin_ID=$admin_id WHERE Customer_ID = $userId";
    $updateResult = mysqli_query($db, $updateQuery);

    if ($updateResult) {
        // Successfully updated requested movie to NULL
        // Redirect or refresh the page as needed
        header("Location: addmovie.php");
        exit(); // Stop further execution
    } else {
        // Handle error if the update query fails
        echo "Error updating requested movie: " . mysqli_error($db);
    }
}

if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST['delete_movie'])) {
    $userId = $_POST['userId'];

    // Update the requested movie to NULL for the selected customer
    $updateQuery = "UPDATE customer SET Requested_Movie = NULL WHERE Customer_ID = $userId";
    $updateResult = mysqli_query($db, $updateQuery);

    if ($updateResult) {
        // Successfully updated requested movie to NULL
        // Redirect or refresh the page as needed
        header("Location: requested_movies.php");
        exit(); // Stop further execution
    } else {
        // Handle error if the update query fails
        echo "Error updating requested movie: " . mysqli_error($db);
    }
}

?>

```

```

</head></html>
<div class="container" style="background-color:#a8dadc;">
<center>
    <h2><i>Requested Movies</i></h2><br />
    <table>
        <thead>
            <tr>
                <th scope="col">Customer ID</th>
                <th scope="col">Username</th>
                <th scope="col">Customer Name</th>
                <th scope="col">Requested Movie</th>
                <th scope="col">Action</th>
            </tr>
        </thead>
        <tbody>
            <?php
                //retrieving requested movie from the database
                $query = "SELECT * from users U INNER JOIN customer C on U.U_ID=C.Customer_ID WHERE C.Requested_Movie IS NOT NULL";
                $result = mysqli_query($db, $query);
                if ($result) {
                    while ($row = mysqli_fetch_assoc($result)) {
                        echo "<tr>";
                        echo "<td>" . $row['U_ID'] . "</td>";
                        echo "<td>" . $row['Username'] . "</td>";
                        echo "<td>" . $row['Customer_Name'] . "</td>";
                        echo "<td>" . $row['Requested_Movie'] . "</td>";
                        echo "<td>";
                            <form action=' ' method='post'>
                                <input type='hidden' name='movie' value='".$row['U_ID']."' >
                                <input type='submit' name='add_movie' value='Add Movie'>
                                <input type='hidden' name='userId' value='".$row['U_ID']."' >
                                <input type='submit' name='delete_movie' value='Delete'>
                            </form>
                        </td>";
                        echo "</tr>";
                    }
                }
            ?>
        </tbody>
    </table>
</center>

```

Source Code Repository

[GitHub - RejwanShafi/Movie_Watching_Platform](https://github.com/RejwanShafi/Movie_Watching_Platform)

Conclusion

We can therefore conclude that this project is a basic example of a movie streaming website that focuses on an online movie streaming and ticket purchasing system. Here we efficiently used the main types of queries such as Insertion, Deletion and Selection, and Joining of MySQL. Each and every actions are done smoothly and recorded in the database system without any issue. Though our SQL command for inserting the comments and replies is correct it still does not insert the comments and replies to the database and retrieves comments and replies for each movie.

References

1. WebsiteGeek. (2021, September 29). *Ajax Live Data Search with jQuery PHP MySQL* [Video]. YouTube. <https://www.youtube.com/watch?v=Yggrlux69MQ>