

Film Production Management System

Insert, Update, Delete functionalities in the Film Production Management System

The Film Production Management System is a comprehensive web-based application designed to manage critical aspects of film production, including financial planning, marketing strategies, and personnel management. The system streamlines operations by providing CRUD (Create, Read, Update, Delete) functionalities for managing data related to finance, marketing, and directors. It enhances productivity, ensures data accuracy, and supports decision-making processes in the film production pipeline.

CRUD Operations:

1. Create:

This operation is used to add new data into the database. In your system, it involves entering details for a finance team, marketing team, or director (such as phone numbers, budgets, or timeframes) through a form. Once submitted, the data is saved in the respective database table, creating a new record.

2. Read:

The "Read" operation retrieves and displays existing data from the database. For example, it allows users to view all finance team records, including their phone numbers and budgets, or marketing team details. This is typically shown in a table format on the web interface.

3. Update:

This operation modifies existing records in the database. Users can edit details like a finance team's phone number or a director's information by filling out a form. When submitted, the updated data replaces the old record in the database.

4. Delete:

The "Delete" operation removes unwanted records from the database. For instance, users can select and delete a specific finance team or marketing team record, permanently removing it from the system. This is useful for maintaining clean and accurate data.

Index.php:

```
<?php
```

```
// Database Configuration
```

```
$host = 'localhost';
```

```
$username = 'root';
```

```
$password = "";
$dbname = 'production_db';
$port=3307;

// Create Connection

$conn = new mysqli($host, $username, $password, $dbname,$port);


// Check Connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}


// Handle Create - Finance Team
if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['create_finance']))
{
    $fi_phno = $_POST['fi_phno'];
    $assigned_budget = $_POST['assigned_budget'];

    $stmt = $conn->prepare("INSERT INTO finance_team (fi_phno, assigned_budget)
VALUES (?, ?)");

    $stmt->bind_param("sd", $fi_phno, $assigned_budget);

    if ($stmt->execute()) {
        header("Location: " . $_SERVER['PHP_SELF']);
        exit();
    } else {
```

```
        echo "Error: " . $stmt->error;
    }

    $stmt->close();
}

// Handle Update - Finance Team

if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['update_finance']))
{
    $fi_id = $_POST['fi_id'];

    $fi_phno = $_POST['fi_phno'];

    $assigned_budget = $_POST['assigned_budget'];

    $stmt = $conn->prepare("UPDATE finance_team SET fi_phno = ?, assigned_budget
= ? WHERE fi_id = ?");

    $stmt->bind_param("sdi", $fi_phno, $assigned_budget, $fi_id);

    if ($stmt->execute()) {
        header("Location: " . $_SERVER['PHP_SELF']);

        exit();
    } else {
        echo "Error updating record: " . $stmt->error;
    }

    $stmt->close();
}
```

```
// Handle Delete - Finance Team
```

```
if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['delete_finance']))  
{
```

```
    $fi_id = $_POST['fi_id'];
```

```
    $stmt = $conn->prepare("DELETE FROM finance_team WHERE fi_id = ?");
```

```
    $stmt->bind_param("i", $fi_id);
```

```
    if ($stmt->execute()) {
```

```
        header("Location: " . $_SERVER['PHP_SELF']);
```

```
        exit();
```

```
    } else {
```

```
        echo "Error deleting record: " . $stmt->error;
```

```
    }
```

```
    $stmt->close();
```

```
}
```

```
// Handle Create - Director
```

```
if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['create_director']))  
{
```

```
    $d_name = $_POST['d_name'];
```

```
    $d_age = $_POST['d_age'];
```

```
    $d_phno = $_POST['d_phno'];
```

```
    $d_email = $_POST['d_email'];
```

```
$stmt = $conn->prepare("INSERT INTO director (d_name, d_age, d_phno, d_email)
VALUES (?, ?, ?, ?)");
```

```
$stmt->bind_param("siss", $d_name, $d_age, $d_phno, $d_email);
```

```
if ($stmt->execute()) {
```

```
    header("Location: " . $_SERVER['PHP_SELF']);
```

```
    exit();
```

```
} else {
```

```
    echo "Error: " . $stmt->error;
```

```
}
```

```
$stmt->close();
```

```
}
```

```
// Handle Update - Director
```

```
if ($_SERVER['REQUEST_METHOD'] === 'POST' &&
isset($_POST['update_director'])) {
```

```
    $d_id = $_POST['d_id'];
```

```
    $d_name = $_POST['d_name'];
```

```
    $d_age = $_POST['d_age'];
```

```
    $d_phno = $_POST['d_phno'];
```

```
    $d_email = $_POST['d_email'];
```

```
$stmt = $conn->prepare("UPDATE director SET d_name = ?, d_age = ?, d_phno = ?,
d_email = ? WHERE d_id = ?");
```

```
$stmt->bind_param("sissi", $d_name, $d_age, $d_phno, $d_email, $d_id);
```

```
if ($stmt->execute()) {  
    header("Location: " . $_SERVER['PHP_SELF']);  
    exit();  
} else {  
    echo "Error updating record: " . $stmt->error;  
}  
$stmt->close();  
}  
  
// Handle Delete - Director  
if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['delete_director']))  
{  
    $d_id = $_POST['d_id'];  
  
    $stmt = $conn->prepare("DELETE FROM director WHERE d_id = ?");  
    $stmt->bind_param("i", $d_id);  
  
    if ($stmt->execute()) {  
        header("Location: " . $_SERVER['PHP_SELF']);  
        exit();  
    } else {  
        echo "Error deleting record: " . $stmt->error;  
    }  
    $stmt->close();  
}
```

```
// Fetch Finance Team Data
```

```
$finance_query = "SELECT * FROM finance_team";
```

```
$finance_results = $conn->query($finance_query);
```

```
// Fetch Director Data
```

```
$director_query = "SELECT * FROM director";
```

```
$director_results = $conn->query($director_query);
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Film Production System Dashboard</title>
```

```
    <link
```

```
href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;600&display=swap" rel="stylesheet">
```

```
    <style>
```

```
        /* Modern, Clean Reset and Base Styles */
```

```
        :root {
```

```
            --primary-color: #2c3e50;
```

```
            --secondary-color: #34495e;
```

```
            --accent-color: #3498db;
```

```
--background-light: #ecf0f1;

--text-color: #333;

--white: #ffffff;

}


* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}


body {

    font-family: 'Poppins', sans-serif;

    background-color: var(--background-light);

    color: var(--text-color);

    line-height: 1.6;

}


/* Responsive Container */

.container {

    width: 95%;

    max-width: 1200px;

    margin: 0 auto;

    padding: 20px;
```



```
}
```

```
/* Elegant Header */
```

```
header {
```

```
    background: linear-gradient(to right, var(--primary-color), var(--secondary-color));
```

```
    color: var(--white);
```

```
    text-align: center;
```

```
    padding: 20px 0;
```

```
    box-shadow: 0 4px 6px rgba(0,0,0,0.1);
```

```
}
```

```
header h1 {
```

```
    font-weight: 600;
```

```
    letter-spacing: 1px;
```

```
}
```

```
/* Section Styling */
```

```
section {
```

```
    background: var(--white);
```

```
    border-radius: 8px;
```

```
    box-shadow: 0 4px 6px rgba(0,0,0,0.1);
```

```
    margin-bottom: 30px;
```

```
    padding: 25px;
```

```
}
```

```
section h3 {  
    color: var(--primary-color);  
    border-bottom: 2px solid var(--accent-color);  
    padding-bottom: 10px;  
    margin-bottom: 20px;  
    font-weight: 600;  
}  
  
/* Form Styling */  
form {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));  
    gap: 15px;  
    background: var(--background-light);  
    padding: 20px;  
    border-radius: 8px;  
    margin-bottom: 20px;  
}  
  
form input {  
    width: 100%;  
    padding: 10px;  
    border: 1px solid #ddd;
```

```
border-radius: 4px;

font-family: 'Poppins', sans-serif;

transition: all 0.3s ease;
}


form input:focus {

  outline: none;

  border-color: var(--accent-color);

  box-shadow: 0 0 0 2px rgba(52, 152, 219, 0.2);
}


form input[type="submit"] {

  background-color: var(--accent-color);

  color: var(--white);

  border: none;

  cursor: pointer;

  font-weight: 600;

  transition: background 0.3s ease;
}


form input[type="submit"]:hover {

  background-color: var(--primary-color);
}
```

```
/* Table Styling */  
  
table {  
    width: 100%;  
    border-collapse: separate;  
    border-spacing: 0;  
    background: var(--white);  
    box-shadow: 0 4px 6px rgba(0,0,0,0.1);  
    border-radius: 8px;  
    overflow: hidden;  
}  
  
table th {  
    background: var(--primary-color);  
    color: var(--white);  
    font-weight: 600;  
    padding: 15px;  
    text-align: left;  
}  
  
table td {  
    padding: 15px;  
    border-bottom: 1px solid #e0e0e0;  
    transition: background-color 0.3s ease;  
}
```

```
table tr:hover {  
    background-color: rgba(52, 152, 219, 0.05);  
}
```

```
/* Action Buttons */
```

```
.btn-update {  
    background-color: var(--accent-color);  
    color: var(--white);  
}
```

```
.btn-delete {  
    background-color: #e74c3c;  
    color: var(--white);  
}
```

```
.btn-update:hover,  
.btn-delete:hover {  
    opacity: 0.9;  
}
```

```
/* Responsive Adjustments */
```

```
@media screen and (max-width: 768px) {  
    form {
```

```
        grid-template-columns: 1fr;
    }

    table {
        font-size: 14px;
    }

    table td, table th {
        padding: 10px;
    }
}

</style>
</head>
<body>
    <header>
        <h1>Film Production System Dashboard</h1>
    </header>

    <div class="container">
        <!-- Finance Team Section -->
        <section>
            <h3>Finance Team Records</h3>
            <form method="POST">
                <input type="text" name="fi_phno" placeholder="Phone Numbers" required>
```

```
<input type="number" name="assigned_budget" step="0.01"
placeholder="Assigned Budget" required>
```

```
<input type="submit" name="create_finance" value="Add Finance Team
Member">
```

```
</form>
```

```
<table>
```

```
<tr>
```

```
<th>ID</th>
```

```
<th>Phone Numbers</th>
```

```
<th>Assigned Budget</th>
```

```
<th>Actions</th>
```

```
</tr>
```

```
<?php while ($row = $finance_results->fetch_assoc()) { ?>
```

```
<tr>
```

```
<td><?php echo $row['fi_id']; ?></td>
```

```
<td><?php echo $row['fi_phno']; ?></td>
```

```
<td><?php echo $row['assigned_budget']; ?></td>
```

```
<td>
```

```
<form method="POST" style="display:grid; grid-template-columns: 1fr;">
```

```
<input type="hidden" name="fi_id" value="<?php echo $row['fi_id'];
?>">
```

```
<input type="text" name="fi_phno" value="<?php echo $row['fi_phno'];
?>" required>
```

```
<input type="number" name="assigned_budget" step="0.01"
value="<?php echo $row['assigned_budget']; ?>" required>
```

```
        <input type="submit" name="update_finance" value="Update"
class="btn-update">
```

```
        <input type="submit" name="delete_finance" value="Delete"
class="btn-delete">
```

```
    </form>
```

```
    </td>
```

```
</tr>
```

```
<?php } ?>
```

```
</table>
```

```
</section>
```

```
<!-- Director Section -->
```

```
<section>
```

```
    <h3>Director Records</h3>
```

```
    <form method="POST">
```

```
        <input type="text" name="d_name" placeholder="Name" required>
```

```
        <input type="number" name="d_age" placeholder="Age" required>
```

```
        <input type="text" name="d_phno" placeholder="Phone Numbers" required>
```

```
        <input type="email" name="d_email" placeholder="Email" required>
```

```
        <input type="submit" name="create_director" value="Add Director">
```

```
    </form>
```

```
<table>
```

```
    <tr>
```

```
        <th>ID</th>
```



```
<th>Name</th>

<th>Age</th>

<th>Phone Numbers</th>

<th>Emails</th>

<th>Actions</th>

</tr>

<?php while ($row = $director_results->fetch_assoc()) { ?>

<tr>

<td><?php echo $row['d_id']; ?></td>

<td><?php echo $row['d_name']; ?></td>

<td><?php echo $row['d_age']; ?></td>

<td><?php echo $row['d_phno']; ?></td>

<td><?php echo $row['d_email']; ?></td>

<td>

<form method="POST" style="display:grid; grid-template-columns: 1fr;">

<input type="hidden" name="d_id" value="<?php echo $row['d_id'];

?>">

<input type="text" name="d_name" value="<?php echo

$row['d_name']; ?>" required>

<input type="number" name="d_age" value="<?php echo

$row['d_age']; ?>" required>

<input type="text" name="d_phno" value="<?php echo $row['d_phno'];

?>" required>

<input type="email" name="d_email" value="<?php echo

$row['d_email']; ?>" required>

<input type="submit" name="update_director" value="Update"

class="btn-update">
```

```
                <input type="submit" name="delete_director" value="Delete"
class="btn-delete">

                </form>

            </td>

        </tr>

    <?php } ?>

</table>

</section>

</div>

</body>

</html>
```

finace_crud.php

```
<?php

include 'db.php';

// Handle Create

if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['create_finance']))
{

    $fi_phno = $_POST['fi_phno'];

    $assigned_budget = $_POST['assigned_budget'];

    $stmt = $conn->prepare("INSERT INTO finance_team (fi_phno, assigned_budget)
VALUES (?, ?)");

    $stmt->bind_param("ss", $fi_phno, $assigned_budget);
```

```
$stmt->execute();  
echo "Finance Team created."  
}
```

```
// Read
```

```
$results = $conn->query("SELECT * FROM finance_team");  
?>
```

```
<h1>Finance Team - CRUD</h1>
```

```
<!-- Form for Create -->
```

```
<form method="POST">
```

```
    <h3>Create Finance Team Entry</h3>
```

```
    Phone Numbers (comma-separated): <input type="text" name="fi_phno"  
required><br>
```

```
    Assigned Budget: <input type="number" step="0.01" name="assigned_budget"  
required><br>
```

```
    <input type="submit" name="create_finance" value="Create Finance Team">
```

```
</form>
```

```
<h3>Finance Team Records</h3>
```

```
<table border="1">
```

```
    <tr>
```

```
        <th>ID</th>
```

```
        <th>Phone Numbers</th>
```

```
        <th>Assigned Budget</th>

    </tr>

    <?php while ($row = $results->fetch_assoc()) { ?>

    <tr>

        <td><?php echo $row['fi_id']; ?></td>

        <td><?php echo $row['fi_phno']; ?></td>

        <td><?php echo $row['assigned_budget']; ?></td>

    </tr>

    <?php } ?>

</table>
```

marketing_crud.php

```
<?php

include 'db.php';

// Handle Create

if ($_SERVER['REQUEST_METHOD'] === 'POST' &&
isset($_POST['create_marketing'])) {

    $m_phno = $_POST['m_phno'];

    $m_budget = $_POST['m_budget'];

    $m_timeframe_start = $_POST['m_timeframe_start'];

    $m_timeframe_end = $_POST['m_timeframe_end'];
```

```
$stmt = $conn->prepare("INSERT INTO marketing_team (m_phno, m_budget, m_timeframe_start, m_timeframe_end) VALUES (?, ?, ?, ?)");
```

```
$stmt->bind_param("ssss", $m_phno, $m_budget, $m_timeframe_start, $m_timeframe_end);
```

```
$stmt->execute();
```

```
echo "Marketing Team created.";
```

```
}
```

```
// Handle Read
```

```
$results = $conn->query("SELECT * FROM marketing_team");
```

```
?>
```

```
<h1>Marketing Team - CRUD</h1>
```

```
<!-- Form for Create -->
```

```
<form method="POST">
```

```
    <h3>Create Marketing Team Entry</h3>
```

```
    Phone Numbers (comma-separated): <input type="text" name="m_phno" required><br>
```

```
    Budget: <input type="number" step="0.01" name="m_budget" required><br>
```

```
    Timeframe Start: <input type="date" name="m_timeframe_start" required><br>
```

```
    Timeframe End: <input type="date" name="m_timeframe_end" required><br>
```

```
    <input type="submit" name="create_marketing" value="Create Marketing Team">
```

```
</form>
```

```
<h3>Current Marketing Teams</h3>
```

```
<table border="1">

  <tr>

    <th>ID</th>

    <th>Phone Numbers</th>

    <th>Budget</th>

    <th>Timeframe Start</th>

    <th>Timeframe End</th>

  </tr>

  <?php while ($row = $results->fetch_assoc()) { ?>

    <tr>

      <td><?php echo $row['m_id']; ?></td>

      <td><?php echo $row['m_phno']; ?></td>

      <td><?php echo $row['m_budget']; ?></td>

      <td><?php echo $row['m_timeframe_start']; ?></td>

      <td><?php echo $row['m_timeframe_end']; ?></td>

    </tr>

    <?php } ?>

  </table>
```

Production_db.php

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

```
-- Database: `production_db`
```

```
-- Table structure for table `director`
```

```
CREATE TABLE `director` (  
  `d_id` int(11) NOT NULL,  
  `d_name` varchar(255) DEFAULT NULL,  
  `d_age` int(11) DEFAULT NULL,  
  `d_phno` text DEFAULT NULL,  
  `d_email` text DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
-- Table structure for table `finance_team`
```

```
CREATE TABLE `finance_team` (  
  `fi_id` int(11) NOT NULL,  
  `fi_phno` text DEFAULT NULL,  
  `assigned_budget` decimal(10,2) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
-- Table structure for table `marketing_team`
```

```
CREATE TABLE `marketing_team` (  
  `m_id` int(11) NOT NULL,
```

```
`m_phno` text DEFAULT NULL,  
`m_budget` decimal(10,2) DEFAULT NULL,  
`m_timeframe_start` date DEFAULT NULL,  
`m_timeframe_end` date DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

-- Indexes for dumped tables

-- Indexes for table `director`

```
ALTER TABLE `director`  
  ADD PRIMARY KEY (`d_id`);
```

-- Indexes for table `finance_team`

```
ALTER TABLE `finance_team`  
  ADD PRIMARY KEY (`fi_id`);
```

-- Indexes for table `marketing_team`

```
ALTER TABLE `marketing_team`  
  ADD PRIMARY KEY (`m_id`);
```

-- AUTO_INCREMENT for dumped tables


```
-- AUTO_INCREMENT for table `director`
```

```
ALTER TABLE `director`
```

```
MODIFY `d_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;
```

```
-- AUTO_INCREMENT for table `finance_team`
```

```
ALTER TABLE `finance_team`
```

```
MODIFY `fi_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;
```

```
-- AUTO_INCREMENT for table `marketing_team`
```

```
ALTER TABLE `marketing_team`
```

```
MODIFY `m_id` int(11) NOT NULL AUTO_INCREMENT;
```

```
COMMIT;
```

db_connection.php

```
<?php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "root";
```

```
$dbname = "production_db";
```

```
// Create connection with exception handling
```

```
try {
```

```
    $conn = new mysqli($servername, $username, $password, $dbname);
```

```
    if ($conn->connect_error) {
```

```
        throw new Exception("Database connection failed: " . $conn->connect_error);
```

```
    }
```

```
} catch (Exception $e) {
```

```
    echo "Error: " . $e->getMessage();
```

```
    exit();
```

```
}
```

```
?>
```

Output:**Dashboard of film Production Management:**

The screenshot shows the 'Film Production System Dashboard' with two main sections: 'Finance Team Records' and 'Director Records'.

Finance Team Records:

- Form fields: Phone Numbers, Assigned Budget, and an 'Add Finance Team Member' button.
- Table header: ID, Phone Numbers, Assigned Budget, Actions.

Director Records:

- Form fields: Name, Age, Phone Numbers, Email, and an 'Add Director' button.
- Table header: ID, Name, Age, Phone Numbers, Emails, Actions.

A search bar with the text 'pranita' is visible at the bottom right of the Director Records section.

Add finance Team Record:

The screenshot shows the 'Film Production System Dashboard' with the 'Finance Team Records' section. The form fields are: Phone Numbers, Assigned Budget, and an 'Add Finance Team Member' button.

Below the form, a table displays existing records:

ID	Phone Numbers	Assigned Budget	Actions
1	9372558011	20245277.00	<div>9372558011 20245277.00 <button>Update</button> <button>Delete</button></div>

The Windows taskbar at the bottom shows the date and time as 16:20 on 24-12-2024.

Result Grid			Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:	Result Grid
fi_id	fi_phno	assigned_budget					
1	9372558011	20245277.00					
	NULL	NULL					

Update Finance Record:

ISE2_FILM_PRODUCTION_MAN | Film Production System Dashb

localhost/FilmProduction/index%20(1).php

2

8372558017

445635.00

8372558017

445635.00

Update

Delete

3

9372558017

1000000.00

7057795240

200000000

Update

Delete

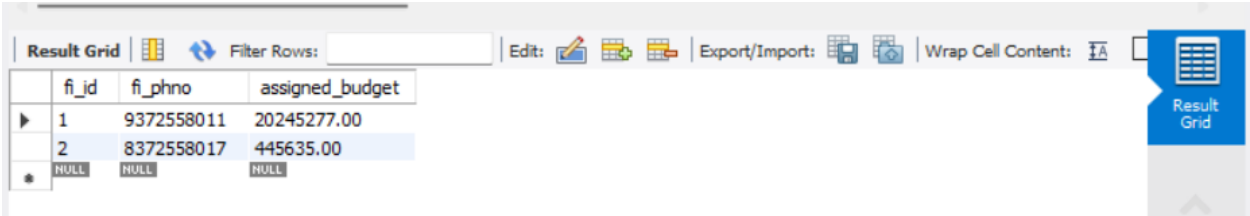
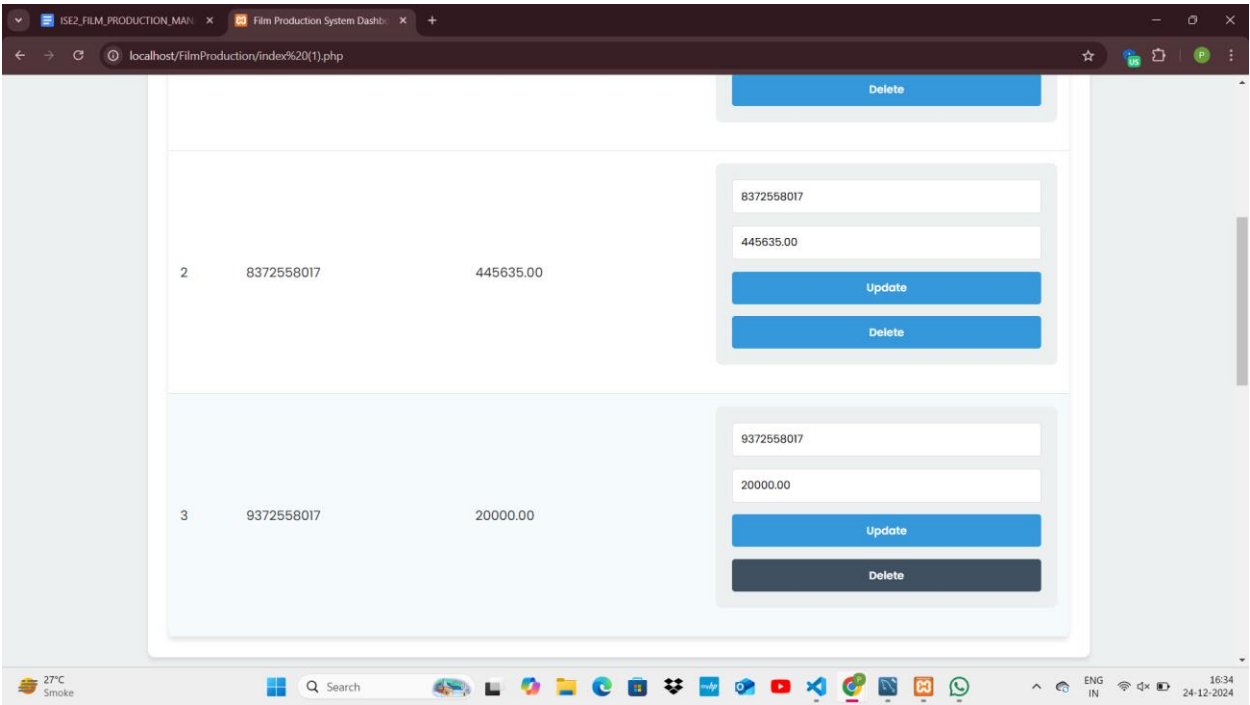
Finance record before

Result Grid			Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:	Result Grid
fi_id	fi_phno	assigned_budget					
1	9372558011	20245277.00					
2	8372558017	445635.00					
3	9372558017	1000000.00					
	NULL	NULL					

After Updating Finance Record

Result Grid			Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:	Result Grid
fi_id	fi_phno	assigned_budget					
1	9372558011	20245277.00					
2	8372558017	445635.00					
3	9372558017	20000.00					
	NULL	NULL					

Delete 3rd record:



Add director records:

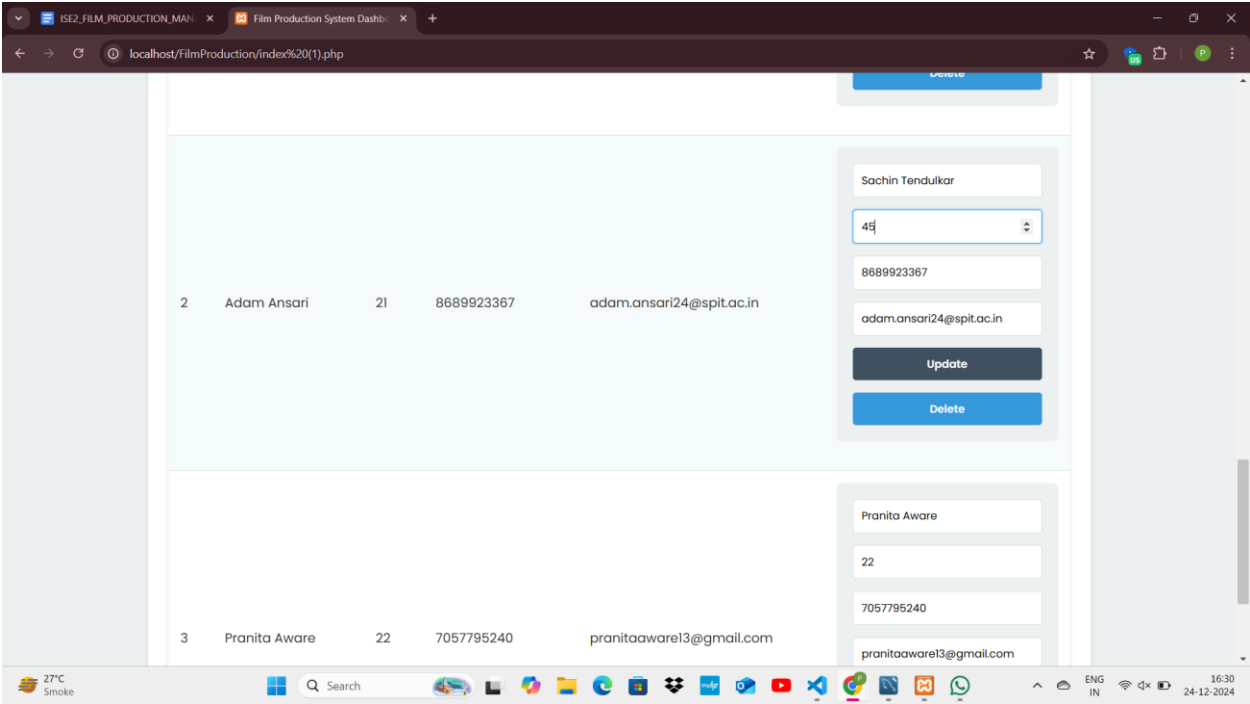
Director Records

Pranita Aware 22 7057795240 pranitaaware13@gmail.com **Add Director**

ID	Name	Age	Phone Numbers	Emails	Actions
1	Angare Atharav	22	93725580011	atharv.angare24@spit.ac.in	<div>Angare Atharav</div> <div>22</div> <div>93725580011</div> <div>atharv.angare24@spit.ac.in</div> <div>Update</div> <div>Delete</div>

Result Grid					
Filter Rows:					
	d_id	d_name	d_age	d_phno	d_email
	1	Angare Atharav	22	93725580011	atharv.angare24@spit.ac.in
	2	Adam Ansari	21	8689923367	adam.ansari24@spit.ac.in
	3	Pranita Aware	22	7057795240	pranitaaware13@gmail.com
	NULL	NULL	NULL	NULL	NULL

Update 2nd Record, Change Name and Age:



Result Grid					
Filter Rows:					
Edit:					
Export/Import:					
Wrap Cell Content:					
d_id	d_name	d_age	d_phno	d_email	
1	Angare Atharav	22	93725580011	atharv.angare24@spit.ac.in	
2	Sachin Tendulkar	45	8689923367	adam.ansari24@spit.ac.in	
3	Pranita Aware	22	7057795240	pranitaaware13@gmail.com	
	NULL	NULL	NULL	NULL	

Delete 1 st record:

The screenshot displays a web application interface for managing director records. The top section, titled "Director Records", includes a form with input fields for Name, Age, Phone Numbers, and Email, along with an "Add Director" button. Below the form is a table with columns: ID, Name, Age, Phone Numbers, Emails, and Actions. The table contains one record for Angare Atharav (ID 1). To the right of the table, there is a sidebar with input fields for the selected record's details and "Update" and "Delete" buttons. The bottom section, titled "Result Grid", shows a table with columns: d_id, d_name, d_age, d_phno, and d_email. The table contains three records, with the first two being visible.

ID	Name	Age	Phone Numbers	Emails	Actions
1	Angare Atharav	22	93725580011	atharv.angare24@spit.ac.in	<div>Angare Atharav 22 93725580011 atharv.angare24@spit.ac.in <button>Update</button> <button>Delete</button></div>

d_id	d_name	d_age	d_phno	d_email
2	Sachin Tendulkar	45	8689923367	adam.ansari24@spit.ac.in
3	Pranita Aware	22	7057795240	pranitaaware13@gmail.com
* NULL	NULL	NULL	NULL	NULL

Observation:

While working with the Film Production Management System, I found the CRUD operations fairly straightforward, but I faced challenges in managing the database connections efficiently. The most difficult part was understanding how to properly handle the form inputs and ensure they were correctly passed to the SQL queries, especially when dealing with multiple tables like finance, marketing, and directors. I had to learn how to use prepared statements to prevent SQL injection and ensure smooth operations. Debugging the forms and aligning them with the database structure was also a bit tricky, but once I understood the relationships between the tables, I was able to streamline the process.