

---

# **MOVIE TICKET BOOKING SYSTEM**

---

# TABLE OF CONTENTS

Chapter	Title	Page
1	Abstract	4
2	Introduction	5
	I. Project Objective	5
	II. Project Overview	5
	III. Project Scope	6
3	System Analysis	7
	I. Non Functional Requirements	7
	II. Functional Requirements	8
4	System Design	11
	I. Input Design	11
	II. Output Design	12
5	Database	13
6	System Tools	14
	I. Front End	14
	II. Back End	14
7	Tables	15-16

8	Diagrams	17
	I. ER Diagram	17
	II. User Case Diagram	17
	III. Data Flow Diagram	18
9	Form Designing	19-23
10	Form Coding's	24-27
11	Conclusion	28
12	References	29

---

# **ABSTRACT**

---

## **ABSTRACT**

This project is a web based online movie ticket booking for an existing theatre. The project objective is to book the ticket uploaded by the authorities online.

This project is an attempt to provide the advantages of booking tickets online to users in a particular theatre. It helps getting ticket details and information about movie through text message in their mobile anywhere through internet. Thus the users will get the benefit of online booking and they do not have to stand in a queue for the tickets. This system can be implemented to any movie theatre in the locality.

The movie details are uploaded by the authorities of the theatre for.

---

# **INTRODUCTION**

---

# INTRODUCTION

This project is a web based online movie ticket booking for an existing theatre. The project objective is to book the ticket uploaded by the authorities online.

This project is an attempt to provide the advantages of booking tickets online to users in a particular theatre. It helps getting ticket details and information about movie through text message in their mobile anywhere through internet. Thus the users will get the benefit of online booking and they do not have to stand in a queue for the tickets. This system can be implemented to any movie theatre in the locality.

The movie details are uploaded by the authorities of the theatre for.

## 1.1 **PROJECT OBJECTIVE:**

- To make movie ticket booking process easy through online.
- User should not need to stand in a queue for booking their movie tickets.
- Authorities can be able to easily upload the details of movies.
- User will get their ticket details through message.

## 1.2 **PROJECT OVERVIEW:**

The central concept of this web application is to allow the users to book the tickets of a movie which is running in the particular theatre.

The authorized staff can upload, delete and edit the movie details with the necessary documents. No others unauthorized staff can make any changes to the upload section of the website. Each authorized staff have

to make login in to this application with their Username and Password to upload or change the movie details.

### **1.3 PROJECT SCOPE:**

This system can be implemented for any particular movie theatre so that they can upload movie details for the users.

It allows all users to have access website after login so that they can book tickets from anywhere and from any device. No one has to go to specific location to book the tickets. It make easy to upload movie details for theatre staff and to view the seats left for user from any location and from any device. Since the application is available in the online web it is easily accessible and always available.



---

# **SYSTEM ANALYSIS**

---

# SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, diagnosing problems and using the information to recommend improvements on the system. System analysis is a problem solving activity that requires intensive communication between the system users and system developers.

System analysis or study is an important phase of any system development process. The system is viewed as a whole, the inputs are identified and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

## FUNCTIONAL REQUIREMENTS

### **FR.1: ADDING MOVIES DETAILS**

- R.1.1: Enter the movies name
  - **Input:** Enter the movies name
  - **Output:** Movies name gets added in application and stored in database
  
- R.1.2: Enter the movies genre
  - **Input:** Enter the movies genre
  - **Output:** Movies genre gets added in application and stored in database

- R.1.3: Enter the movies actors
  - **Input:** Enter the movies actors
  - **Output:** Movies actors gets added in application and stored in database
  
- R.1.4: Enter the movies show time
  - **Input:** Enter the movies show time
  - **Output:** Movies show time gets added in application and stored in database
  
- R.1.5: Enter the movies show date
  - **Input:** Enter the movies show date
  - **Output:** Movies show date gets added in application and stored in database
  
- R.1.6: Enter the movies banner image
  - **Input:** Enter the movies banner image
  - **Output:** Movies banner image gets added in application and stored in database
  
- R.1.7: Enter the movies summary
  - **Input:** Enter the movies summary
  - **Output:** Movies summary gets added in application and stored in database

## **FR.2: Booking Movies Ticket**

- R.2.1: Select the movies from homepage
  - **Input:** click on movies book now option to book
  - **Output:** seat layout page opens
  
- R.2.2: Select the seat from seat layout page
  - **Input:** select the seats want to book
  - **Output:** selected seat are displayed with continue option
  
- R.2.3: Click on book now option
  - **Input:** click on book now option
  - **Output:** payment page opens
  
- R.2.4: Make Your Payment
  - **Input:** enter your necessary payment details
  - **Output:** after payment success full, booked ticket opens in PDF format
  
- R.2.3: Download your ticket
  - **Input:** click on download option
  - **Output:** PDF format of your booked ticket gets downloaded

# NON FUNCTIONAL REQUIREMENTS

## 1. **N.1: Platform:**

This software is web based application developed for all types of end users. It run in any device as this web application is full responsive.

## 2. **N.2: Database:**

The application is using MySQL database.

## 3. **N.3: Internet Access:**

As this application is hosted on web server, therefore internet access is required

---

# **SYSTEM DESIGN**

---

# SYSTEM DESIGN

System design is the solution for the creation of a new system. This phase focuses on the detailed implementation of the feasible system. It emphasizes translating design specifications to performance specification. System design has two phases of development

- Physical Design
- Logical Design

During logical design phase the analyst describes inputs (sources), output (destinations) and databases (data stores) all in a format that meets the user requirements. The analyst also specifies the needs of the user at a level that virtually determines the information flow in and out of the system and the data resources. Here the logical design is done by database design. The physical design is followed by physical design or coding. Physical design produces the working system by defining the design specifications, which specify exactly what the candidate system must do. The programmers write the necessary programs that accept input from the user, perform necessary processing on accepted data and produce the required report on a hard copy or display it on the screen.

## 3.1 INPUT AND OUTPUT DESIGN

### ➤ Input Design:

Input design is the link that ties the information system into the world of its Users,

The input design involves determining the inputs, validating the data, minimizing the data entry and provides a multi-user facility. Inaccurate inputs are the most common cause of errors in data processing. Errors entered by the data entry operators can be controlled by input design.

The user-originated inputs are converted to a computer based format in the input design. Input data are collected and organized into groups of similar data. Once identified, the appropriate input media are selected for processing. All the input data are validated and if any data violates any conditions, the user is warned by a message. If the data satisfies all the conditions, it is transferred to the appropriate tables in the database. In this project the student details are to be entered at the time of registration. A page is designed for this purpose which is user friendly and easy to use. The design is done such that users get appropriate messages when exceptions occur.

➤ **Output Design:**

Computer output is the most important and direct source of information to the user. Output design is a very important phase since the output needs to be in an efficient manner. Efficient and intelligible output design improves the system relationship with the user and helps in decision making. Allowing the user to view the sample screen is important because the user is the ultimate judge of the quality of output. The output module of this system is the selected notifications.



---

# **DATABASE**

---

# DATABASE

## Database Design

Databases are store house of data in software system. Data are store on table

Inside the database.Serval table are created for manipulation of data in system. Two

Essential setting for database they are :

- **Primary keys:**

The field that is unique for all the record occurrences.

- **Foreign keys**

The field used to set relation between tables.

Normalization is a technique to avoid redundancy in the tables.

---

# **SYSTEM TOOLS**

---

# SYSTEM TOOLS

The various system tools that have been used in developing both the front end and the back end of the project are being discussed in this chapter.

## FRONTEND

- **Bootstrap**

**Bootstrap** is a [free and open-source](#) front-end [web framework](#) for designing [websites](#) and [web applications](#). It contains [HTML](#)- and [CSS](#)-based design templates for [typography](#), forms, buttons, navigation and other interface components, as well as optional [JavaScript](#) extensions. Unlike many web frameworks, it concerns itself with [front-end development](#) only.

Bootstrap is the second most-starred project.

## BACK END

The back end is implemented using MySQL which is used to design the databases.

PHP as a backend server.

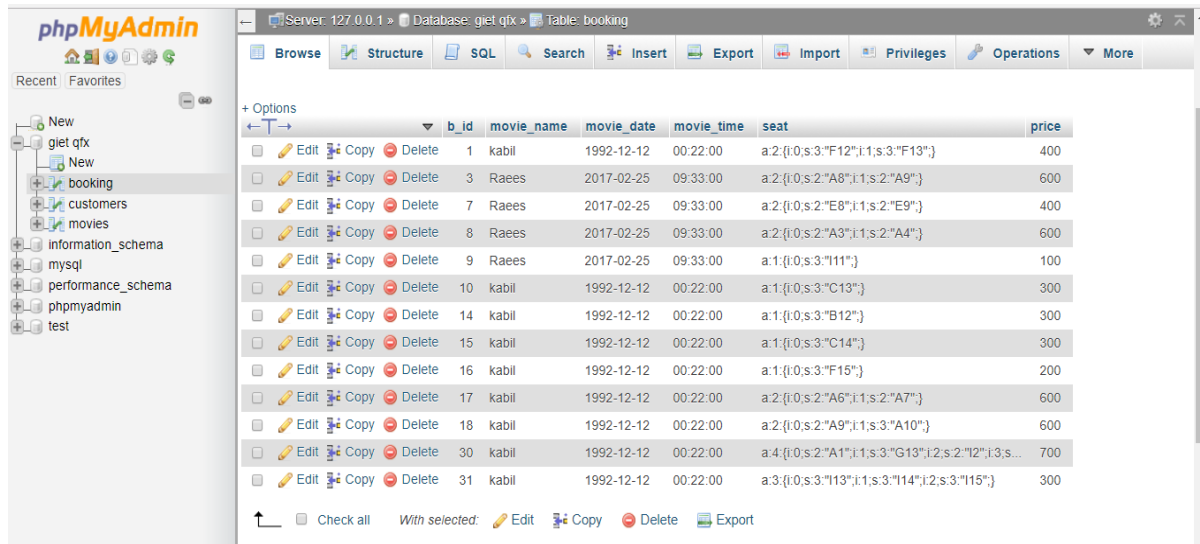
---

# **DATA DICTIONARY**

---

# DATA DICTIONARY (TABLES)

## 1. Booking

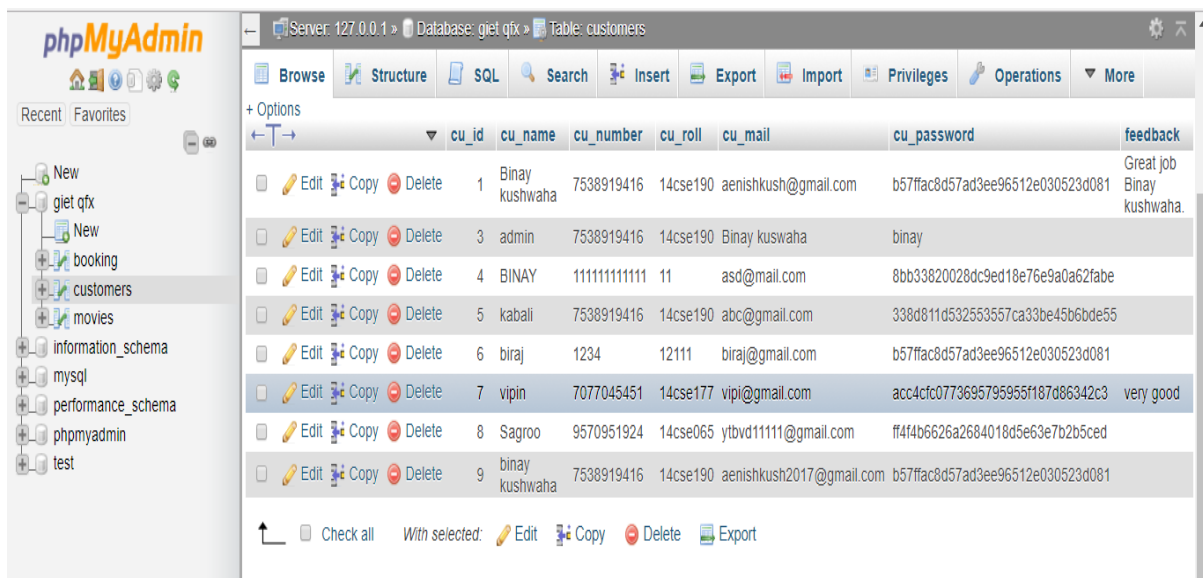


The screenshot shows the phpMyAdmin interface with the 'booking' table selected. The table has 8 columns: b\_id, movie\_name, movie\_date, movie\_time, seat, price, and two unnamed columns. The data is as follows:

b_id	movie_name	movie_date	movie_time	seat	price		
1	kabil	1992-12-12	00:22:00	a:2:{i:0;s:3:"F12";i:1;s:3:"F13";}	400		
3	Raees	2017-02-25	09:33:00	a:2:{i:0;s:2:"A8";i:1;s:2:"A9";}	600		
7	Raees	2017-02-25	09:33:00	a:2:{i:0;s:2:"E8";i:1;s:2:"E9";}	400		
8	Raees	2017-02-25	09:33:00	a:2:{i:0;s:2:"A3";i:1;s:2:"A4";}	600		
9	Raees	2017-02-25	09:33:00	a:1:{i:0;s:3:"111";}	100		
10	kabil	1992-12-12	00:22:00	a:1:{i:0;s:3:"C13";}	300		
14	kabil	1992-12-12	00:22:00	a:1:{i:0;s:3:"B12";}	300		
15	kabil	1992-12-12	00:22:00	a:1:{i:0;s:3:"C14";}	300		
16	kabil	1992-12-12	00:22:00	a:1:{i:0;s:3:"F15";}	200		
17	kabil	1992-12-12	00:22:00	a:2:{i:0;s:2:"A6";i:1;s:2:"A7";}	600		
18	kabil	1992-12-12	00:22:00	a:2:{i:0;s:2:"A9";i:1;s:3:"A10";}	600		
30	kabil	1992-12-12	00:22:00	a:4:{i:0;s:2:"A1";i:1;s:3:"G13";i:2;s:2:"12";i:3;s:2:"13";}	700		
31	kabil	1992-12-12	00:22:00	a:3:{i:0;s:3:"113";i:1;s:3:"114";i:2;s:3:"115";}	300		

Fig: Booking Details Table

## 2. Customers

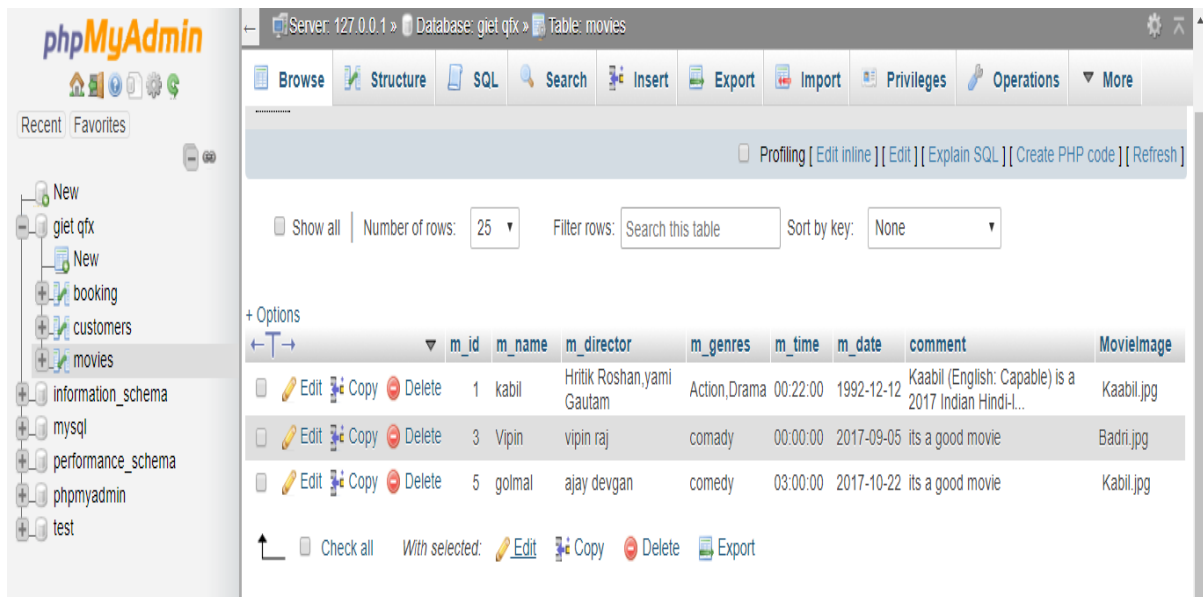


The screenshot shows the phpMyAdmin interface with the 'customers' table selected. The table has 8 columns: cu\_id, cu\_name, cu\_number, cu\_roll, cu\_mail, cu\_password, and feedback. The data is as follows:

cu_id	cu_name	cu_number	cu_roll	cu_mail	cu_password	feedback
1	Binay kushwaha	7538919416	14cse190	aenishkush@gmail.com	b57ffac8d57ad3ee96512e030523d081	Great job Binay kushwaha.
3	admin	7538919416	14cse190	Binay kuswaha	binay	
4	BINAY	11111111111	11	asd@mail.com	8bb33820028dc9ed18e76e9a0a62fabe	
5	kabali	7538919416	14cse190	abc@gmail.com	338d811d532553557ca33be45b6bde55	
6	biraj	1234	12111	biraj@gmail.com	b57ffac8d57ad3ee96512e030523d081	
7	vipin	7077045451	14cse177	vipi@gmail.com	acc4cfc0773695795955f187d86342c3	very good
8	Sagroo	9570951924	14cse065	ybtvd11111@gmail.com	ff4f4b6626a2684018d5e63e7b2b5ced	
9	binay kushwaha	7538919416	14cse190	aenishkush2017@gmail.com	b57ffac8d57ad3ee96512e030523d081	

Fig: Customers Detail table

### 3. Movies



The screenshot shows the phpMyAdmin interface. On the left is a sidebar with a tree view of databases and tables. The main area displays the 'movies' table from the 'giet qfx' database. At the top, there are tabs for 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', and 'More'. Below these tabs are links for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. A control bar shows 'Show all', 'Number of rows: 25', 'Filter rows: Search this table', and 'Sort by key: None'. Below this is a table with columns: m\_id, m\_name, m\_director, m\_genres, m\_time, m\_date, comment, and MovieImage. Three rows of movie data are visible. At the bottom, there are checkboxes for 'Check all' and 'With selected', followed by links for 'Edit', 'Copy', 'Delete', and 'Export'.

	m_id	m_name	m_director	m_genres	m_time	m_date	comment	MovieImage
<input type="checkbox"/>	1	kabil	Hritik Roshan,yami Gautam	Action,Drama	00:22:00	1992-12-12	Kaabil (English: Capable) is a 2017 Indian Hindi-L...	Kaabil.jpg
<input type="checkbox"/>	3	Vipin	vipin raj	comady	00:00:00	2017-09-05	its a good movie	Badri.jpg
<input type="checkbox"/>	5	golmal	ajay devgan	comedy	03:00:00	2017-10-22	its a good movie	Kabil.jpg

Fig: Movie Details Table

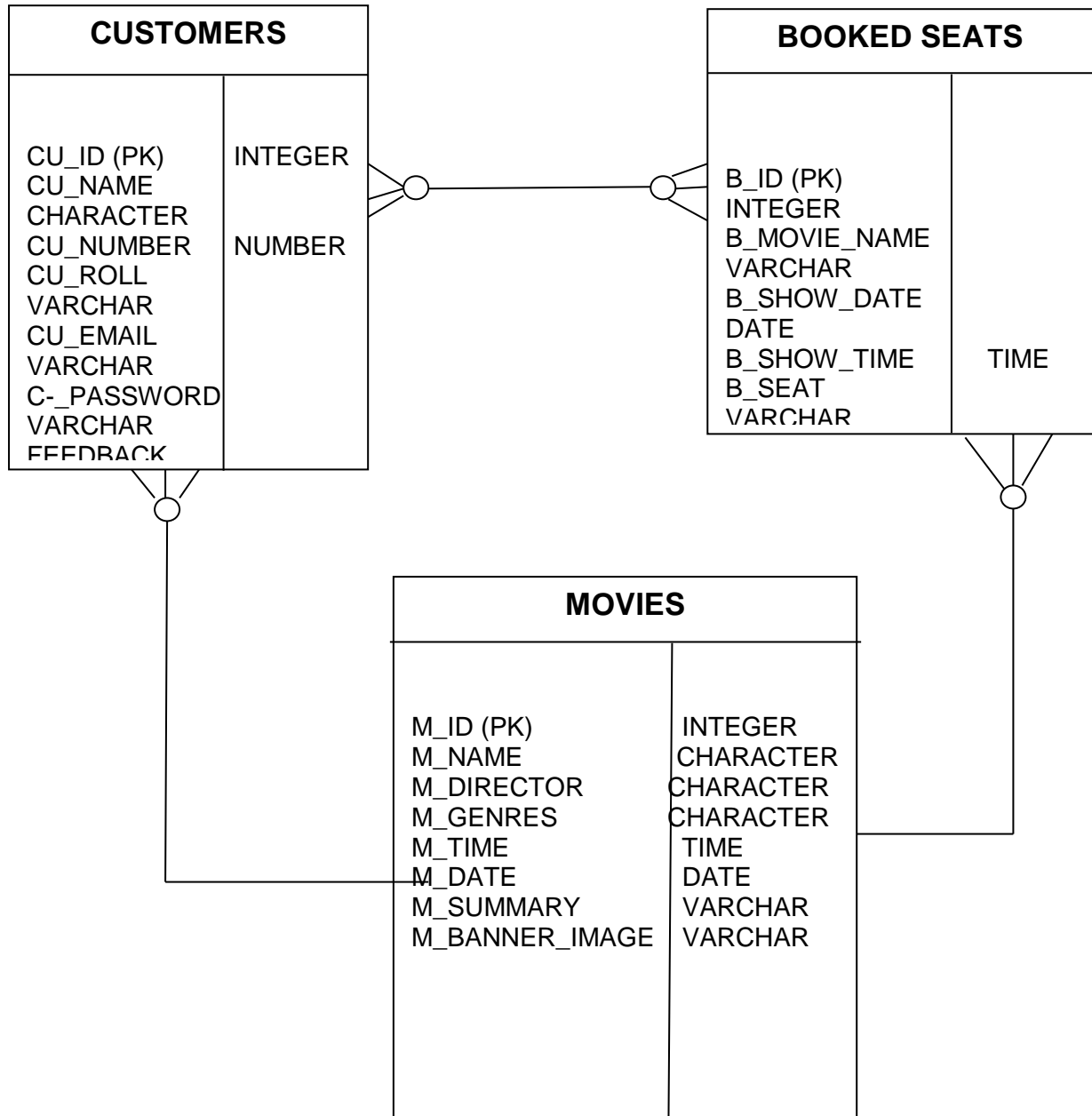
---

# DIAGRAMS

---



# ER DIAGRAM



# USER CASE DIAGRAM

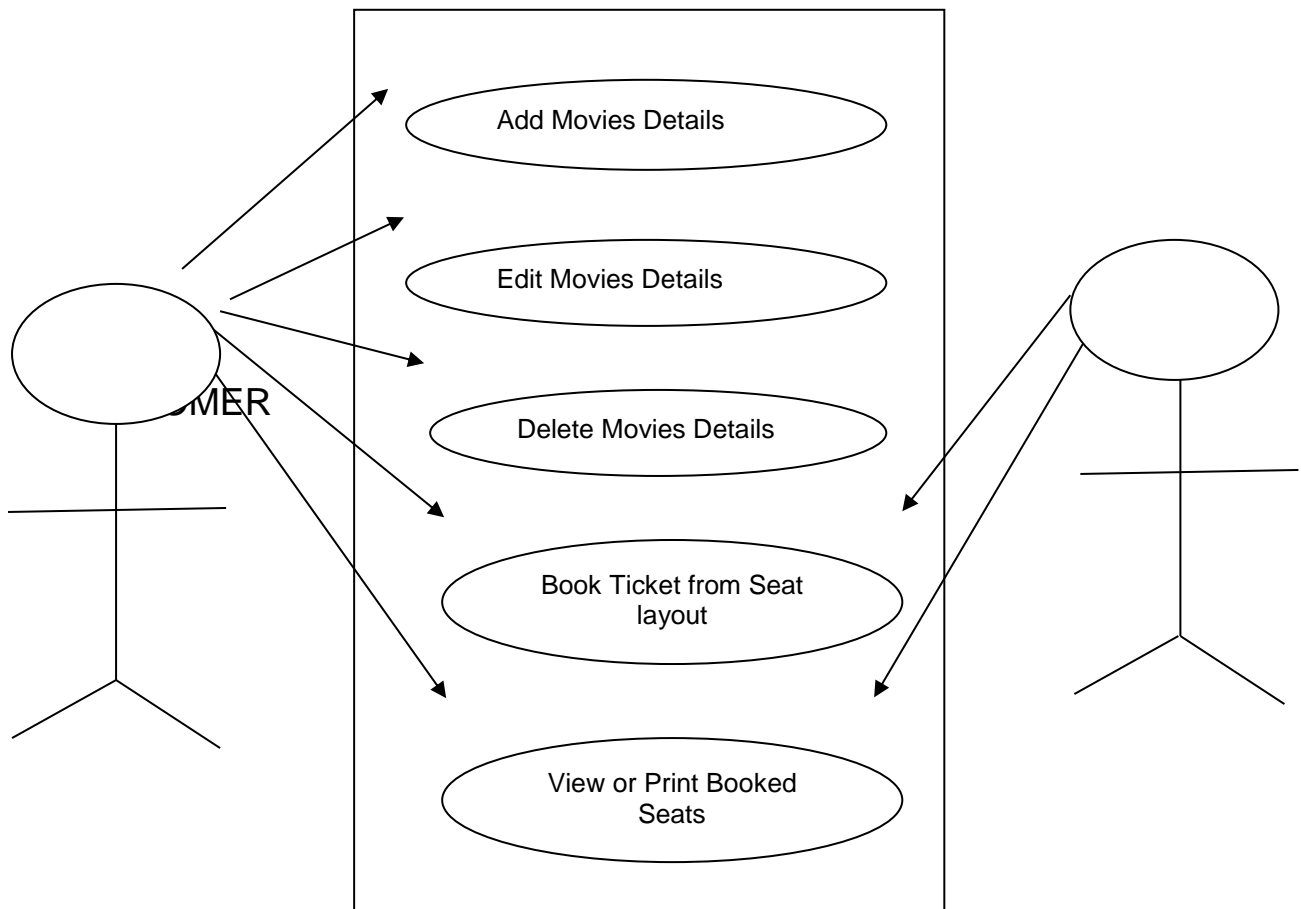


Fig : User Case Diagram

---

# FORM DESIGN

---

# FORM DESIGN

## ▪ Login

localhost/GIETQFX/login X how to make presentati X ajax is a programming la X

localhost/GIETQFX/login.php

### GIET MOVIES

Login Here

Email:  
ytbvd11111@gmail.com

Password:  
\*\*\*\*\*

Submit

[Sign Up Here](#)

11:36 PM 10/20/2017

## ▪ Register

localhost/GIETQFX/Signu X how to make presentati X ajax is a programming la X

localhost/GIETQFX/Signup.php

### SIGN UP PAGE

Name:  
Enter Your Name

Roll NO:  
Enter Your Roll NO.

Mobile:  
Enter Your Mobile NO

Email:  
ytbvd11111@gmail.com

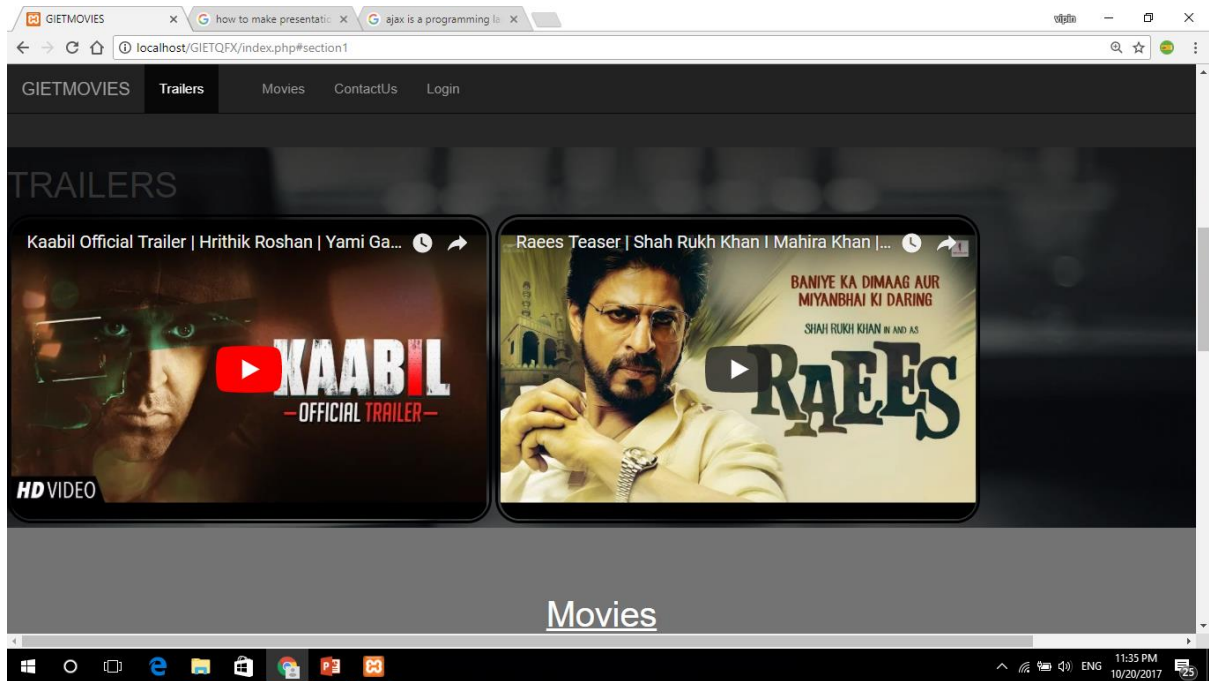
Email already exist

Password:  
\*\*\*\*\*

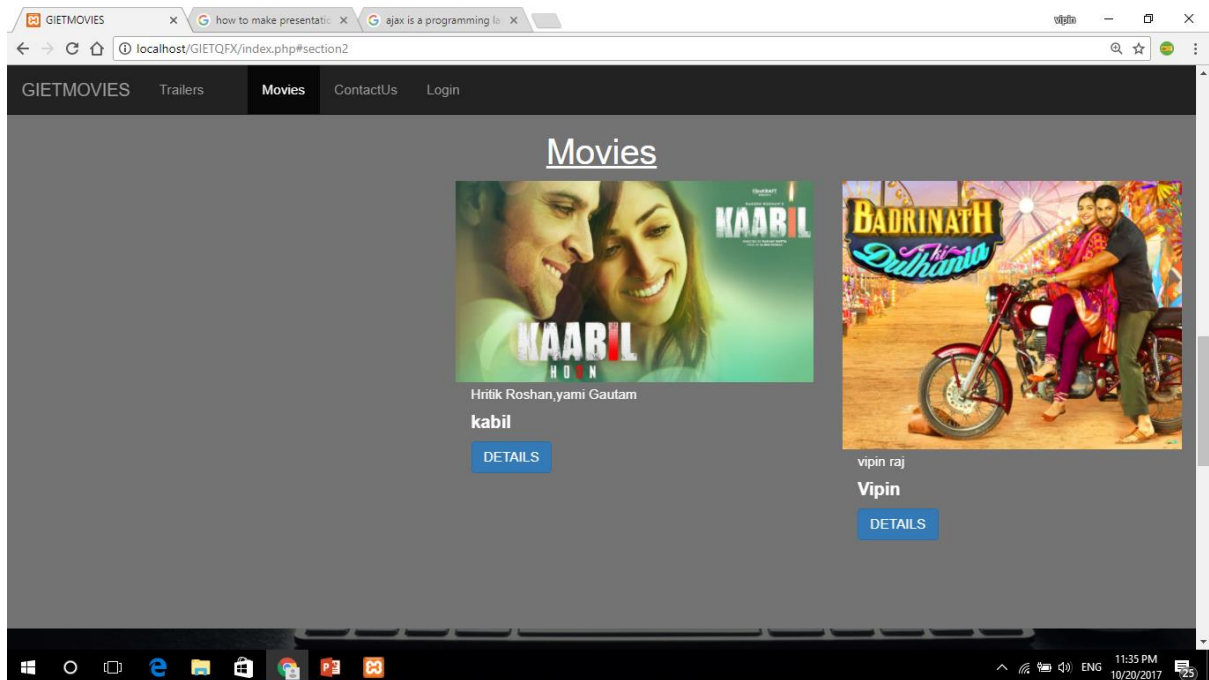
Register

11:36 PM 10/20/2017

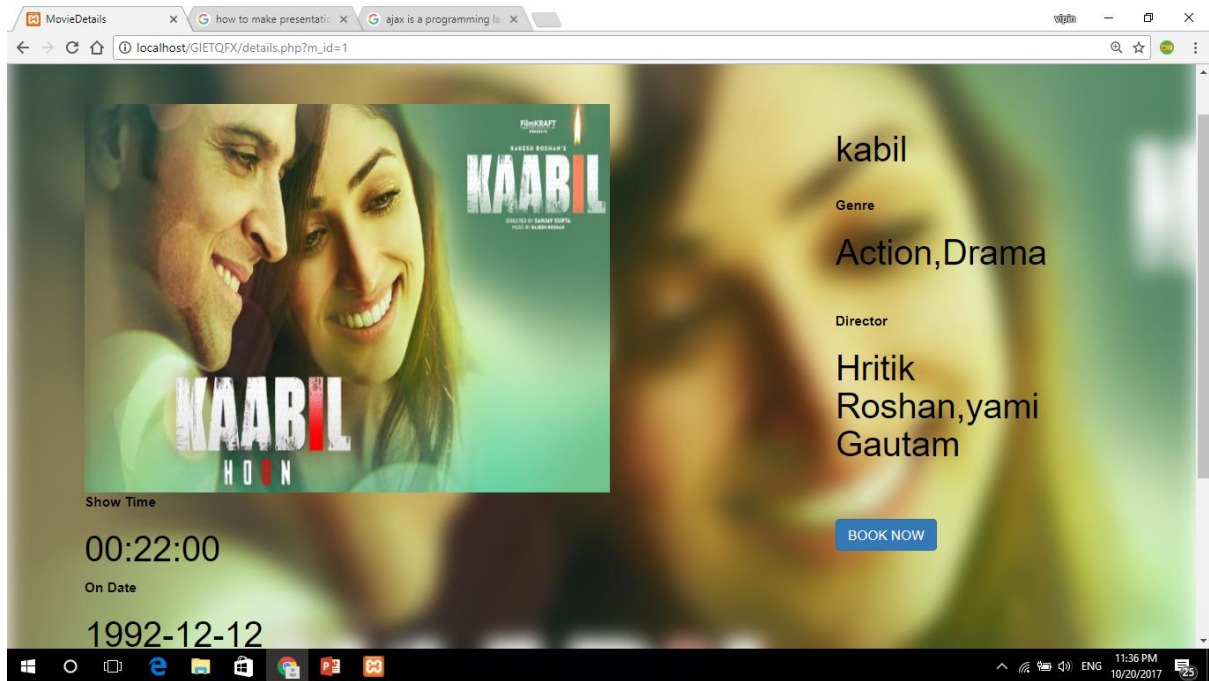
## ■ Homepage



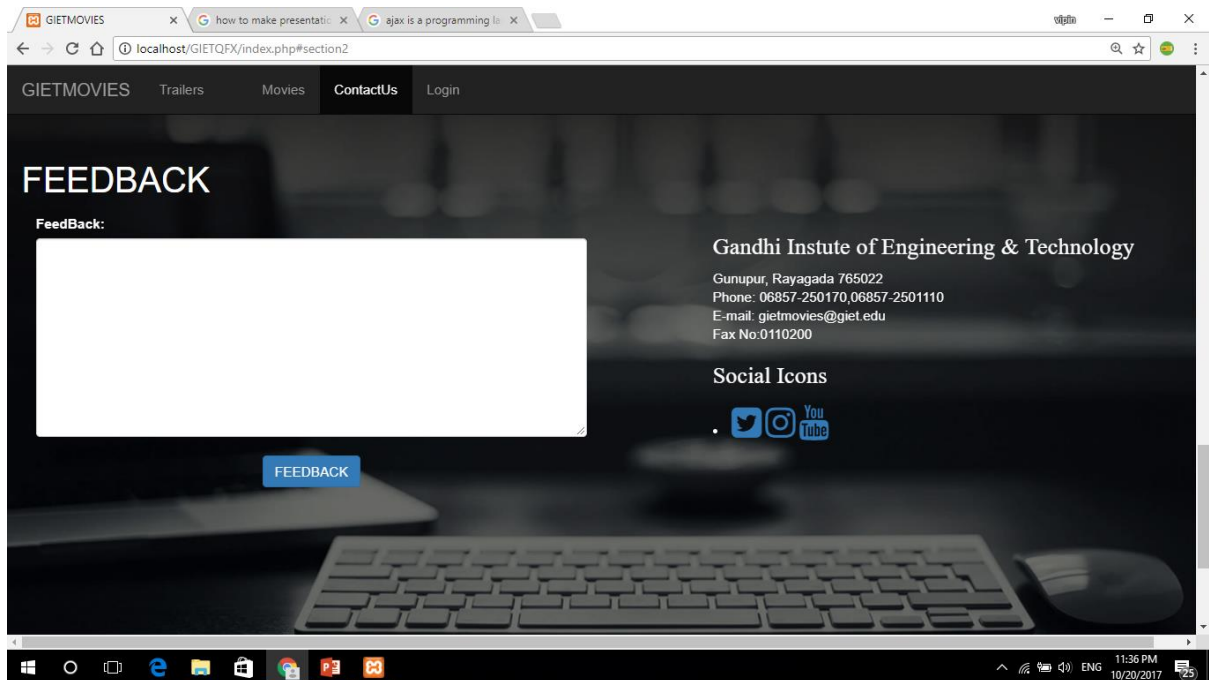
## ■ Booking



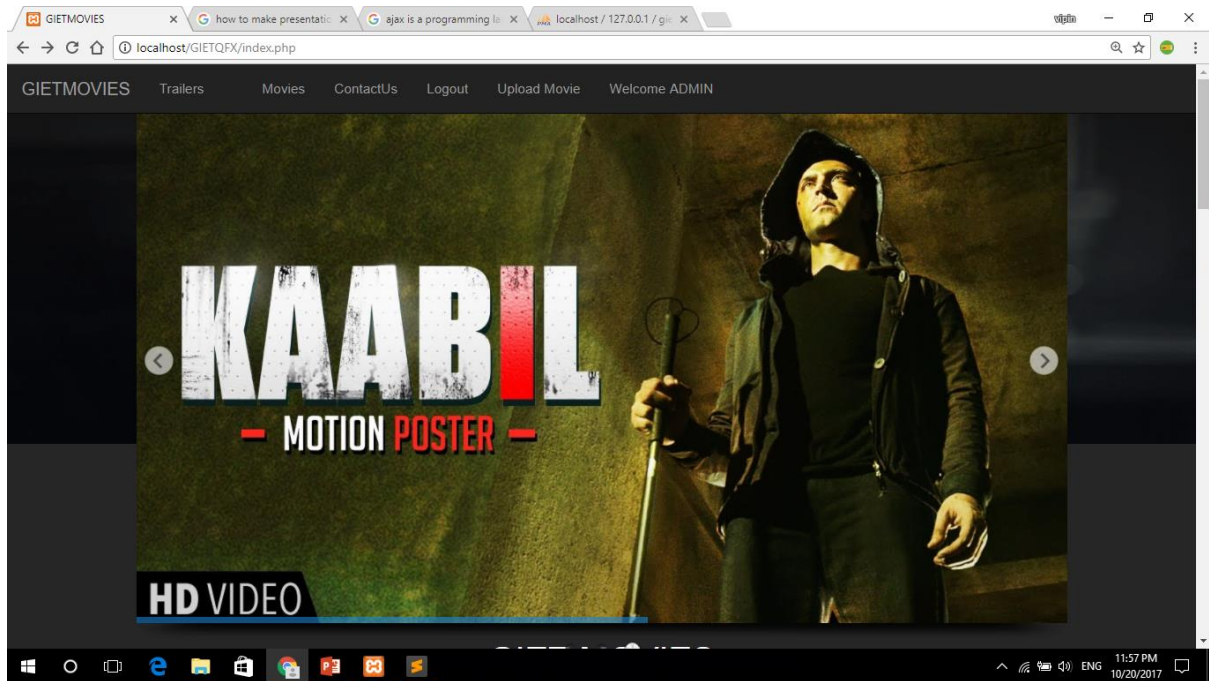
## ▪ Movie Description



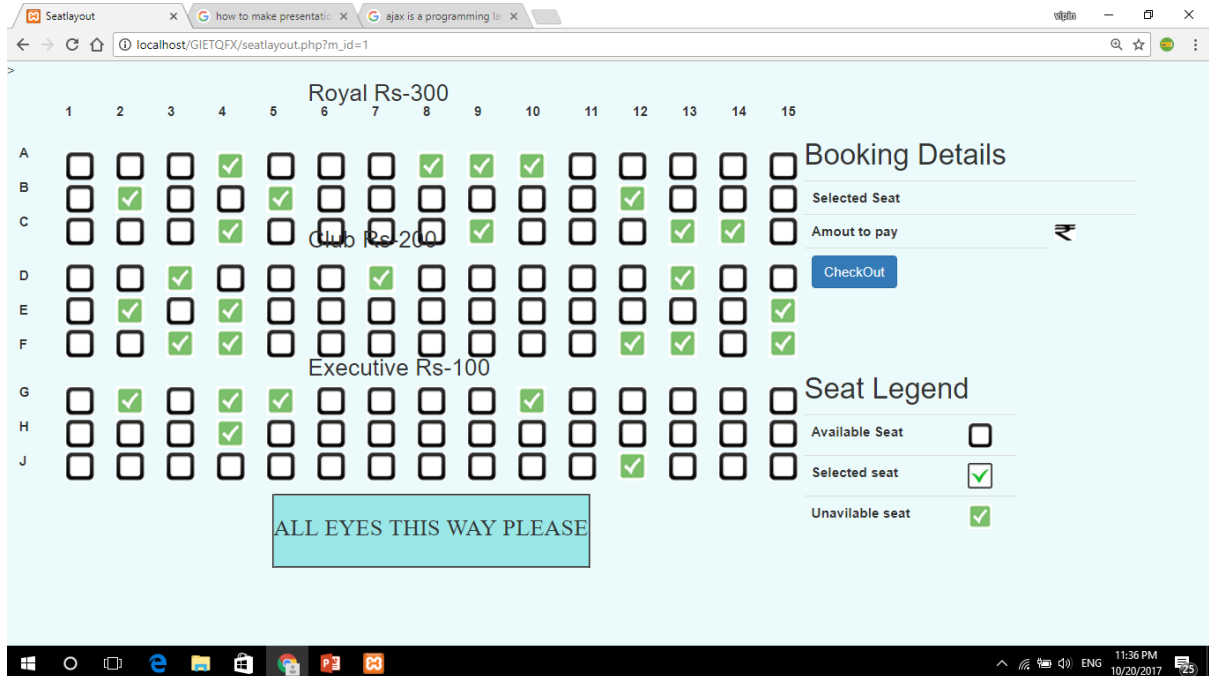
## ▪ Feedback



## ■ Poster

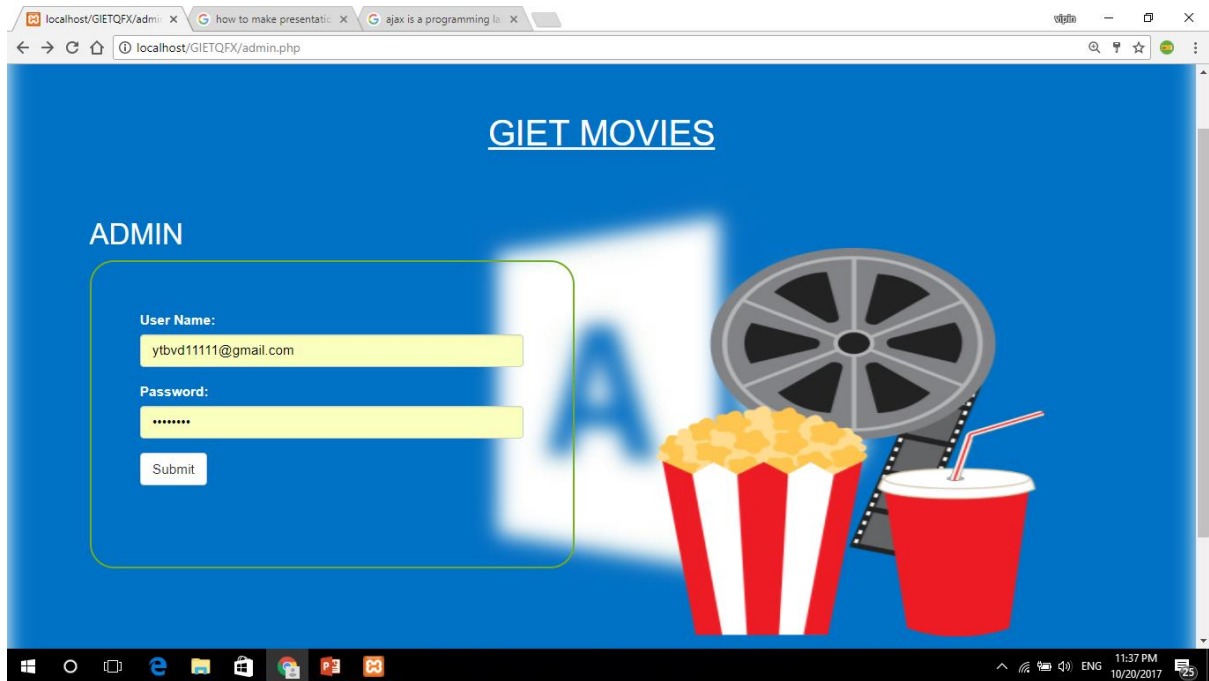


## ■ Seat Confirmation





## ▪ Admin Login



localhost/GIETQFX/admin.php

# GIET MOVIES

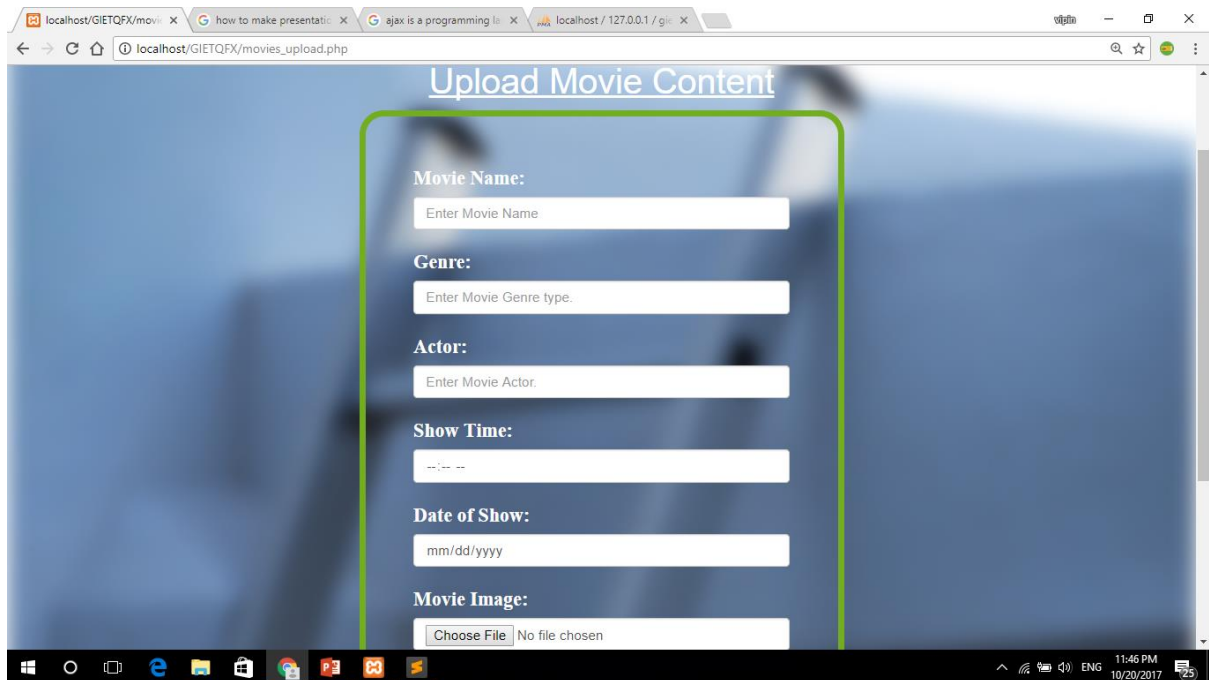
## ADMIN

**User Name:**

**Password:**

Windows taskbar: 11:37 PM 10/20/2017

## ▪ Movie Upload



localhost/GIETQFX/movies\_upload.php

# Upload Movie Content

**Movie Name:**

**Genre:**

**Actor:**

**Show Time:**

**Date of Show:**

**Movie Image:**  
 No file chosen

Windows taskbar: 11:46 PM 10/20/2017



---

# **FORM CODING**

---

# FORM CODING

- **Login.php**

```
<?php session_start() ?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <meta name="viewport" content="width=device-width, initial-  
scale=1">
```

```
    <link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstr  
ap.min.css">
```

```
    <script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.j  
s"></script>
```

```
    <script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap  
.min.js"></script>
```

```
    <style>
```

```
    .backgroundImageCVR{  
    position:relative;  
    padding:85px;  
    }
```

```
    .background-image{  
    position:absolute;  
    left:0;  
    right:0;  
    top:0;  
    bottom:0;
```

```

background:url('Powe.jpg');
background-size:cover ;
z-index:1;
-webkit-filter: blur(10px);
-moz-filter: blur(20px);
-o-filter: blur(20px);
-ms-filter: blur(20px);
filter: blur(10px);
}
.content{
position:relative;
z-index:2;
color:#fff;
}
.columns {
-webkit-columns: 150px 3; /* Chrome, Safari, Opera */
-moz-columns: 200px 3; /* Firefox */
columns: 300px 2;
}

#corners {
border-radius: 25px;
border: 2px solid #73AD21;
padding: 50px;
width: 500px;
height: 318px;
}
#corners2 {
border-radius: 25px;
border: 0px solid #73AD21;
padding: 50px;
width: 500px;

```

```

        height: 500px;
    }
</style>
</head>
<body>
<a href="index.php"><Strong>Home</Strong></a>
<div class="backgroundImageCVR">
<div class="background-image" ></div>
    <div class="content" >
        <u>
<h1 align="center">GIET MOVIES</h1>
        </u>

                </br></br>

        <div class="columns" >
            <h2>Login Here</h2>
            <form action="login_process.php" onsubmit="return
validateForm()" name="cu_reg" method="post" id="corners" >
                <div class="col-xs-15" >
                    <div class="form-group" id="frm">
                        <label for="email">Email:</label>
                        <input type="email" class="form-control" name="email"
placeholder="Enter email">
                    </div>
                    <div class="form-group">
                        <label for="pwd">Password:</label>
                        <input type="password" class="form-control"
name="password" placeholder="Enter password">
                    </div>
                    <button type="submit" name="submit" class="btn
btn-default">Submit</button>
                </div>
            </form>

```

```

<a href="Signup.php"><h2>Sign Up Here</h2></a>
    </br></br>
    
    </div>
</div>
    </div>
</div>
</div>

<script type="text/javascript">
    function validateForm() {

        var V1 = document.forms["cu_reg"]["email"].value;
        if (V1 == "") {
            alert("Enter Email.");
            return false;
        }
        var V2 = document.forms["cu_reg"]["password"].value;
        if (V2 == "") {
            alert("Enter Password.");
            return false;
        }
    }
</script>
</body>
</html>

```

---

# **CONCLUSION**

---

## CONCLUSION

The project entitled **Online Movie Ticket Booking** was completed successfully.

The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to develop a web application for booking movie tickets from a theatre.

This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using html & css, usage of responsive templates, , and management of database using mysql . The entire system is secured. Also the project helped us understanding about the development phases of a project and software development life cycle. We learned how to test different features of a project.

This project has given us great satisfaction in having designed an application which can be implemented to any nearby theatres running various kinds of movies by simple modifications.

---

# **BIBLIOGRAPHY**

---



## REFERENCES

JavaScript Enlightenment, Cody Lindley-First Edition, based on JavaScript 1.5, ECMA-262, Editio

Complete CSS Guide ,Maxine Sherrin and John Allsopp-O'Reilly Media; September 2012

- <http://www.w3schools.com/html/default.asp>,
- <http://www.w3schools.com/css/default.asp>,
- <http://www.w3schools.com/js/default.asp>,
- <http://www.w3schools.com/php/default.asp>,
- <http://www.w3schools.com/bootstrap/default.asp>