

A  
**PROJECT REPORT**  
ON  
**“MOVIE TICKET BOOKING WEBSITE”**

SUBMITTED  
TO  
**SHIVAJI UNIVERSITY, KOLHAPUR**  
  
FOR THE PARTIAL FUFILLMENT OF  
  
**MASTER OF COMPUTER APPLICATION**  
**(MCA – I, SEM -II)**

BY  
  
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UNDER THE GUIDENCE  
OF

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(B.C.S , M.C.A)

THROUGH  
  
**THE DIRECTOR**

**KOLHAPUR INSTITUTE OF  
TECHNOLOGY'SINSTITUTE OF  
MANAGEMENT EDUCATION &  
RESEARCH, KOLHAPUR  
(2022-2023)**

## DECLARATION

To,  
The Director,  
KIT's I.M.E.R,  
Kolhapur

Respected Sir,

We undersigned hereby declare that the project entitled "**Movie Ticket Booking Website**" developed under the guidance of **Ms. Swati S. Patil** is our original work. The information

Generated in their project work is based on the data collected by me.

I have not copied from any other project report submitted to **Shivaji University, Kolhapur** earlier.

Place:  
Kolhapur

Date:

Miss.Priyanka Sanjay Patil

Miss.Vishakha Bajarang kamble

## ACKNOWLEDGEMENT

I express my sincere gratitude to our guide, **Ms. Swati S. Patil** for her valuable guidance and help during the course. Without her advice and co-operation, we would not have succeeded in our efforts ever. Her thoughtfulness and understanding were vast and thoroughly helpful in the successful completion of the project.

I am immensely thankful for the encouragement and inspiration provided to me by the Head of the Department Mr. S. S. Patil and thankful to him for providing the Internet, lab facility needed for the accomplishment of their project.

Last but not the least; I'm also thankful to one and all that are directly or indirectly responsible for the completion of their project within the stipulated time.

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## INTRODUCTION

### 1.1) About Project

This is a **PHP** entitled “ **Movie Ticket Booking Website** ” has been developed to override the problems prevailing in the practicing manual system. This website is supported to eliminate and in some cases reduce the hardships faced by the existing system. Moreover this system is designed for the “Small and Medium Enterprises” to carry out operations in a smooth and effective manner.

Movie Ticket Booking Website for Theaters is a Web Based application basically made for providing the customers an anytime and anywhere service for booking cinema tickets and providing information about the movies and their schedule time. Also to manage theater activities, mainly ticket issuing, seat reservation, daily and all shows wise ticket issued reporting etc.

### 1.2) Existing System

Presently Ticket Booking and calculation done manually where the Employee has to keep the Records of movie tickets , movie Reports, Tax Reports , etc .The Employee has to work in Crowd of Excited peoples or Hardcore movie Lovers. He has to book tickets and simultaneously do correct calculations , Sometimes separate employee is required for Calculation part .The existing system takes so much of time to perform all these tasks.

Manual Reports - Contain many errors , every time we need double cross check of these reports . otherwise it will create large problem.

Lack of security of data - It is Possible that anyone can missuse these reorts or Manipulate them.

More man power – Sometimes user needs helper when there is crowd.

Needs manual calculations.

To solve all this the Owner of business require very good website to take care of all these.

### 1.3) Needs and Scope of Computer System

#### Needs of System:

- Automation of business operations for faster and more accurate billing and documentation.
- Manual process hence Maintenance of the records is difficult.
- Accuracy and security to handle the records cannot be easy task.
- Involves large amount of paper work. There is chance to loss the records
- Time consuming process.
- Manual process involves multiple persons to handle everything.
- Reduced costs for the business and the end-user.
- To maintain centralized database.
- To make system user friendly.
- To make system less sophistication.
- To make system widely applicable

#### Scope of the system:

- A way in which Employee / User can login to the System to perform different operations .
- A System in which User can add movie images , details in Database in a specific manner.
- The System can Generate daily , weekly and monthly Reports And print Booked tickets and Reports .
- This software provides an easy way to automate all the functionalities involved in a Movie Theater
- This system helps admin to maintain, view and modifying records.
- Easy interaction with system.
- The criteria for each tool depend on the organization, their needs, and requirements, as well as work processes.
- Main aim in this system is to provide and give easy way to access to various services at their comfort.
- This system is highly accurate and less error prone as compared to manual system.
- Overcome all the demerits of old manual system.

## PROPOSED SYSTEM

### 2.1) Proposed System:

During the execution of the project many requirements come to implementers which in turn are forwarded to project lead. Once the Project Lead gets requirement, He analyze the task and estimate the effort. If task is large then it is divided into small/sub tasks to simplify the process.

Project Lead also allocates priority to each sub task. Project Lead will schedule the tasks according to their priorities. Scheduled tasks will be kept in a bucket that will be used to assign to developers for development. Once development is complete developer will mark the task complete using task status input facility provided in the system.

### 2.2) Objectives of System

Some important goals of movie ticket booking system are as follows:

- Movie Ticket Booking System Project is aimed to provide facility to book cinema tickets anytime and from anywhere.
- Customer can purchase their movie tickets directly using internet and pay through net banking.
- One objective of this project to minimize the number of staff at the ticket-box window
- Promote new movies over the internet and gain maximum profit
- To track all the information of Movie Description and schedule. .
- Reduce the work load of record keeping on admin.
- Provide a 24 \* 7 service to the customer

### 2.3) Requirement Engineering

#### SRS (Software Requirement Specification)

Software Requirement specifications are more precise descriptions of the system's functionality & the constraints on its operation. They are intended to specify the system for software designers so they are sometimes called "**functional specification**".

A Software requirements specification may be the basis of a **contract between the developer & client**. It should not be ambiguous or informal as it may lead to misinterpretation by the client or developer.

Many of the problems of software engineering are difficulties with the requirements specification. It is natural for a system developer to interpret an ambiguous requirement so that its realization is as cheap as possible.

Software Requirements specifications add further information to the requirements definition. The requirements specification is usually presented with the system models developed during requirements analysis. The specification plus the model should describe the system to be designed & implemented. It should include all necessary information about what the system must do & all constraints on its operations.

Natural language is often used to write requirements specifications. There are various alternatives to the use of natural language which add structure to the specification & which should reduce ambiguity. When requirements specifications are written, it is important that related requirements should be cross – reference.

#### Technologies Used:

- HTML :

The Hypertext Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser.

- CSS :

**Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML.



- JavaScript :

**JavaScript** often abbreviated **JS**, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS and is used for client side scripting .

- PHP :

**PHP** is a general-purpose scripting language geared toward web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994.<sup>1</sup> The PHP reference implementation is now produced by The PHP Group. PHP originally stood for ***Personal Home Page***, but it now stands for the recursive initialism ***PHP: Hypertext Preprocessor***. PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response.

- Bootstrap :

**Bootstrap** is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains HTML, CSS and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

## 2.4) Requirement Gathering:

The most important part is to gather the correct information for developing “ Movie Ticket Booking Website ”. We had done this process in three ways as ....

### 1. Questionnaires:

Questionnaires mean a set of questions that are given to the user for answering it. We had also formed out questionnaire and they filled it.

❖ How is your current way of Booking Seats ?

❖ How do you form the report ?

❖ What are those Problems every day you faced in existing System ?

❖ What do you expect from our system .

## 2. Requirement gathering

On Site Observation - On site observation means observing the format of how the records are saved, how the performance process is performed, transaction process. We visited few small Movie Theaters which have manual ticket Booking and reports System.

Then we done the detailed investigation about the proposed System so initial system study covers problem definition , objective. The system .limitations and constraints and expected benefits of the new System as per the user requirements.

Going through To Manual Document - Document such as registration, record and we took its data where it was required. Records are stored in papers and it was kept in files. So it is difficult to maintain.

### 2.5) Software Requirement

The software requirements are description of features and functionalities of the target system. Requirements convey the expectations of users from the software product. The requirements can be obvious or hidden, known or unknown, expected or unexpected from client's point of view. SRS is a document created by system analyst after the requirements are collected from various stakeholders. SRS defines how the intended software will interact with hardware, external interfaces, speed of operation, response time of system, portability of software across various platforms, maintainability, speed of recovery after crashing, Security, Quality, Limitations etc. The requirements received from client are written in natural language. It is the responsibility of system analyst to document the requirements in technical language so that they can be comprehended and useful by the software development team.

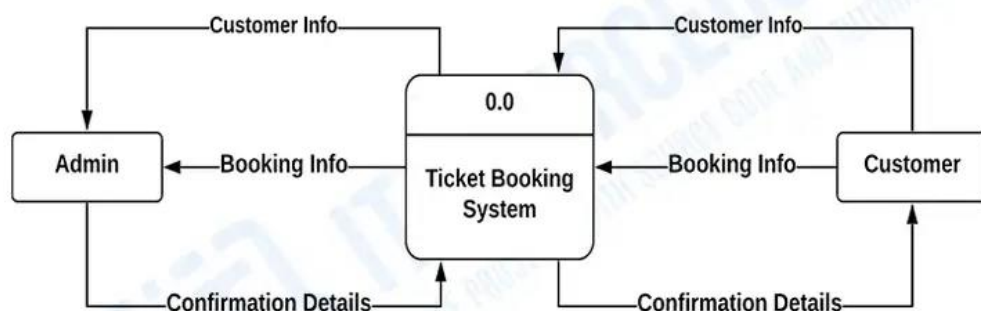
SRS should come up with following features:

- i. User Requirements are expressed in natural language.
- ii. Technical requirements are expressed in structured language, which is used inside the organization.
- iii. Format of Forms and GUI screen prints.
- iv. Conditional and mathematical notations for DFD's etc.

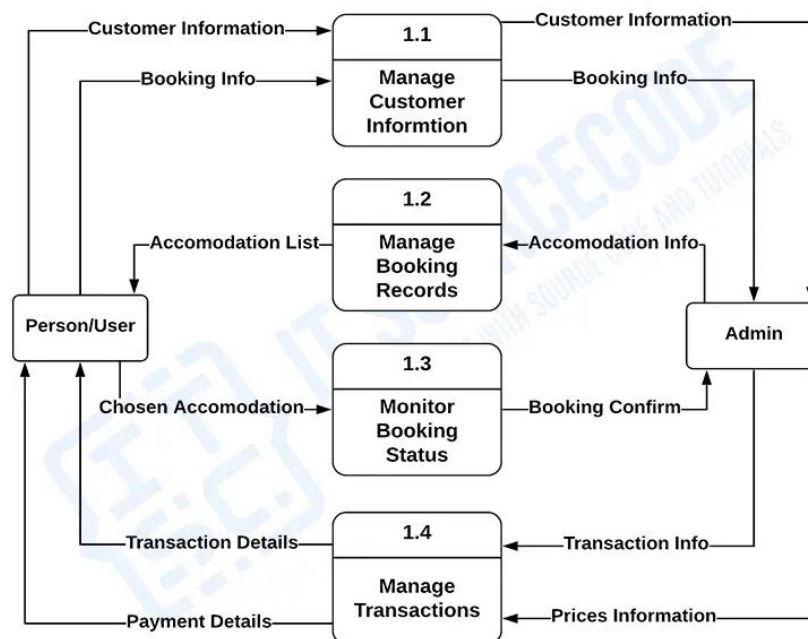
## SYSTEM ANALYSIS

### 3.1) Data Flow Diagram (DFD)

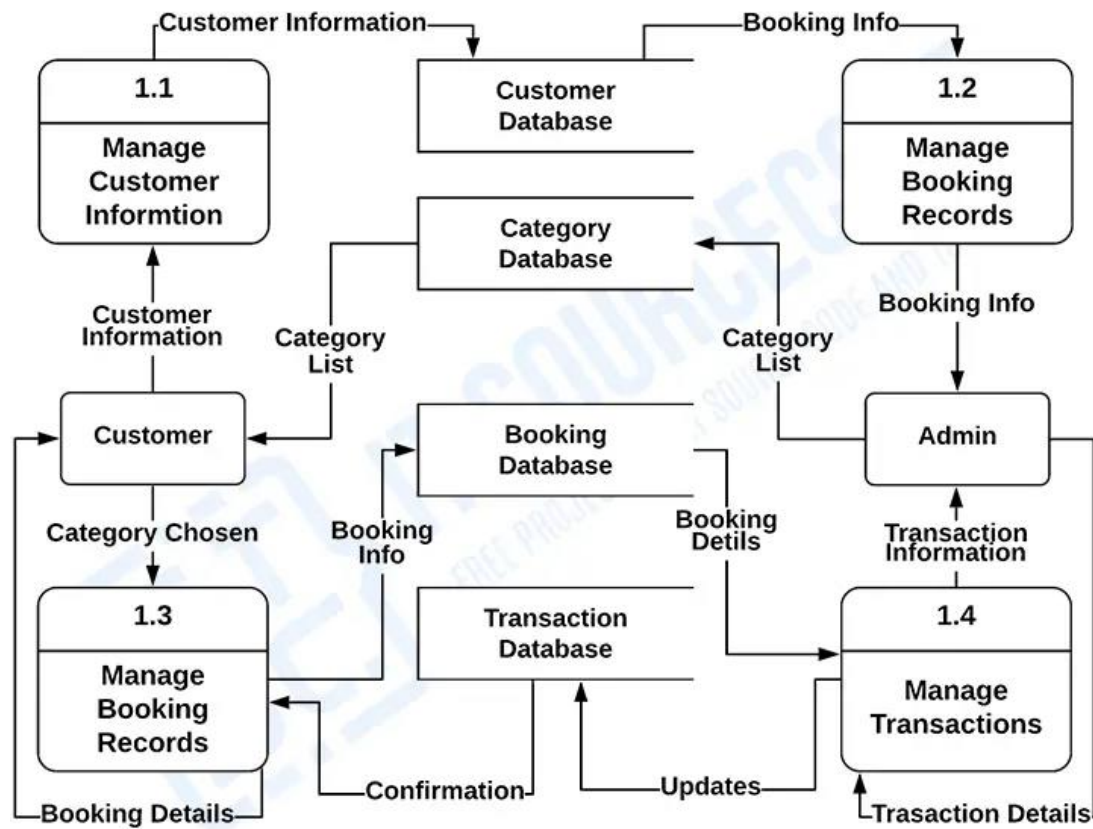
- 0 - Level DFD



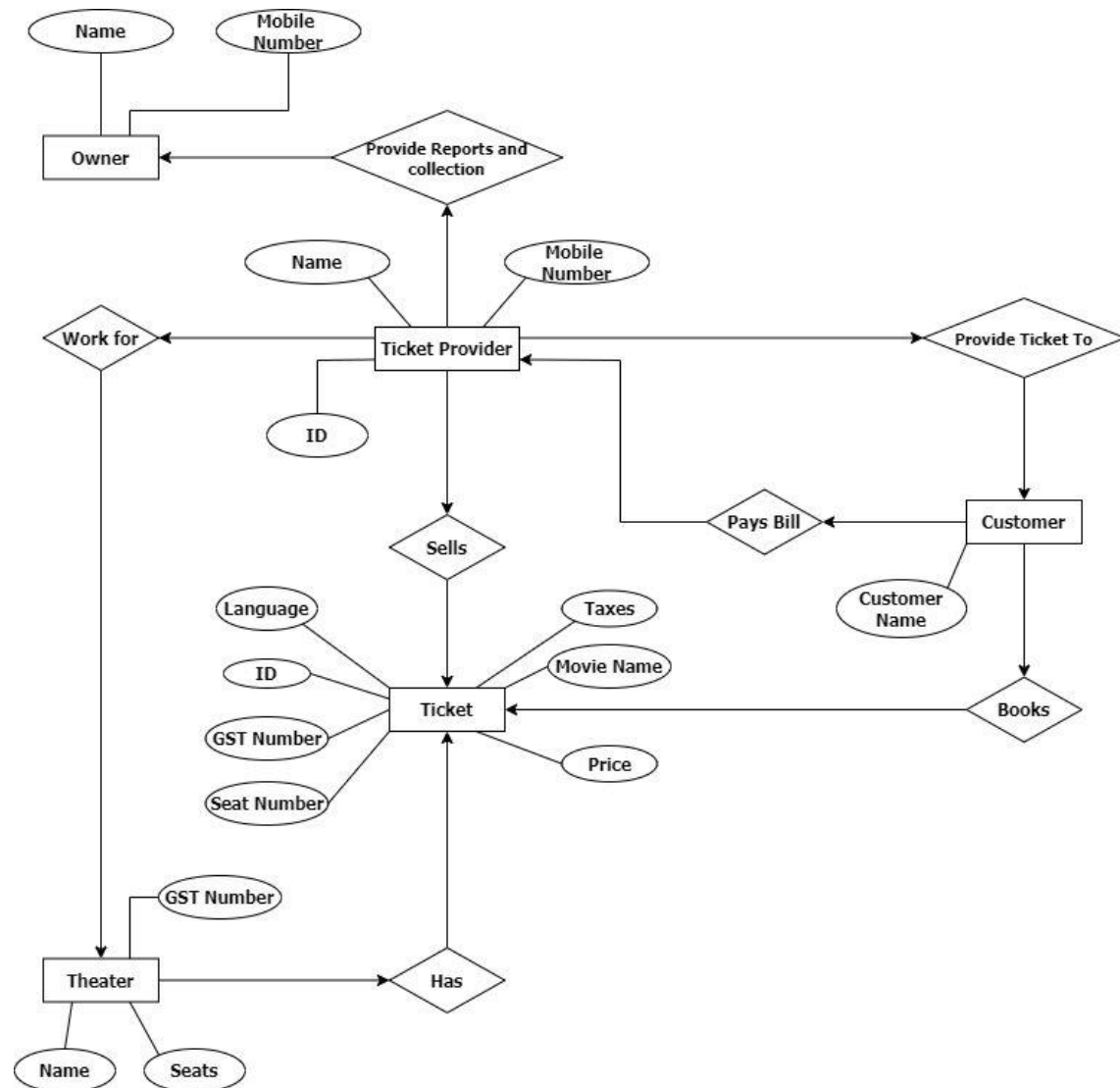
- 1 - Level DFD



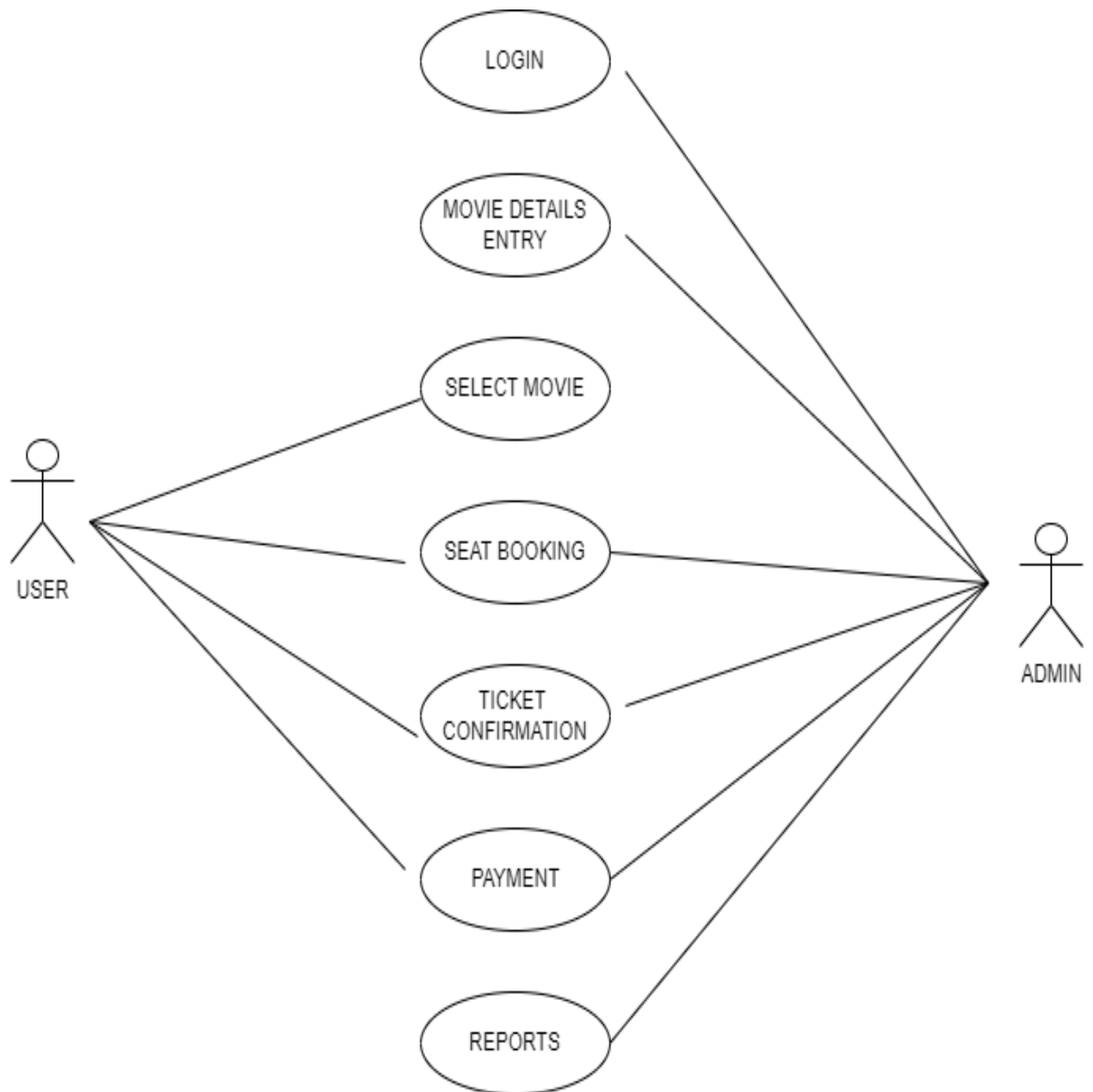
- 2 – Level DFD



### 3.2) Entity Relationship Diagram (ERD)



### 3.3) Use Case Diagram



## SYSTEM DESIGN

### 4.1) Database Design

- Table Name: ADMINLOGIN

Column Name	Data Type	Nullable	Default	Primary Key
USERNAME	VARCHAR(30)	No	-	-
PASSWORD	VARCHAR(30)	No	-	-

- Table Name: BOOKINGS

Column Name	Data Type	Nullable	Default	Primary Key
BOOKING_ID	INT(11)	No		Yes
MOVIE_ID	INT(11)	Yes	-	-
DATES	DATE	Yes	-	-
BOOKED_SEATS	VARCHAR(30)	Yes	-	-
NAME	VARCHAR(30)	Yes	-	-
EMAIL	VARCHAR(30)	Yes	-	-
AGE	INT(11)	Yes	-	-
GENDER	VARCHAR(30)	Yes	-	-
AMOUNT	INT(11)	Yes	-	-

- Table Name: MOVIES

Column Name	Data Type	Nullable	Default	Primary Key
MOVIE_ID	INT(11)	No		Yes
MOVIE_NAME	VARCHAR(50)	Yes	-	-
STATUS	VARCHAR(30)	Yes	-	-
START_DATE	DATE	Yes	-	-
END_DATE	DATE	Yes	-	-

- Table Name: MOVIE\_INFO

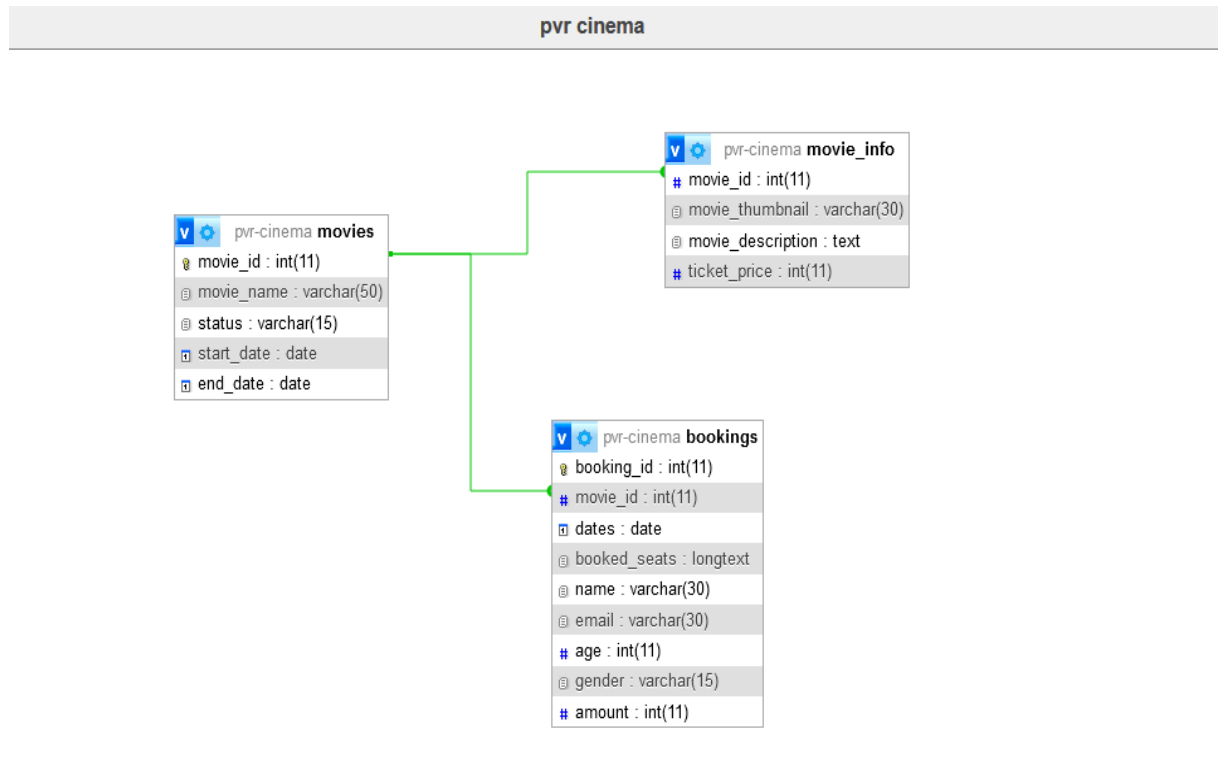
Column Name	Data Type	Nullable	Default	Primary Key
MOVIE_ID	INT(11)	No		Yes
MOVIE_THUMBNIL	VARCHAR(30)	Yes	-	-
MOVIE_DESCRIPTION	TEXT	Yes	-	-
TICKET_PRICE	INT(11)	Yes	-	-

- Table Name: PAGE\_VIEW

Column Name	Data Type	Nullable	Default	Primary Key
COUNT	INT(11)	No	-	-

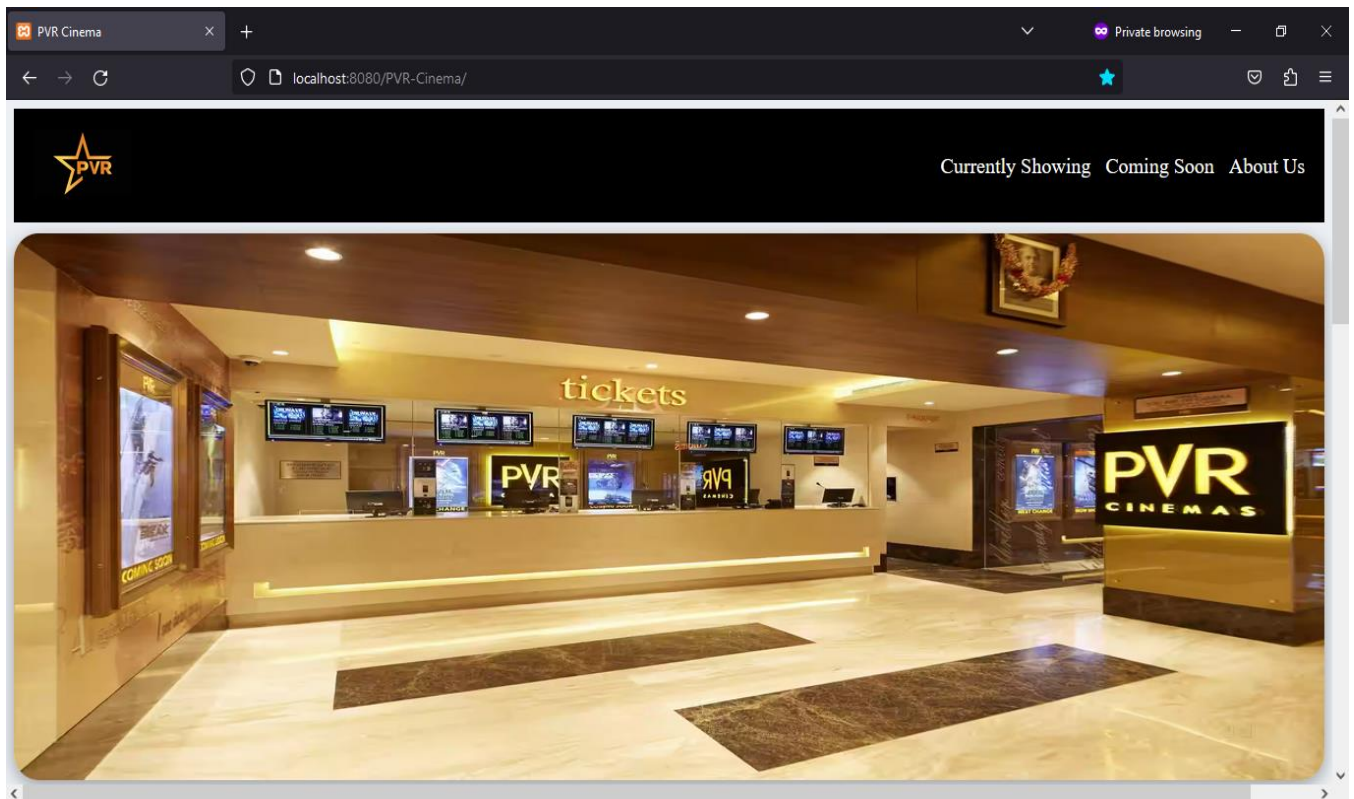


- **CONNECTIVITY :**



## 4.2) Website Design

### 1. HomePage



### 2. Adding New Movies

## Movie Details

Movie Title:

Movie Trailer Link:

Start Date:

End Date:

Movie Thumbnail:

Browse...

Ticket Price:

Add Movie

### 3. Movie List

Currently Showing...



Coming Soon....



### 4. User Bookings

## User Form

**Name:**

**Email:**

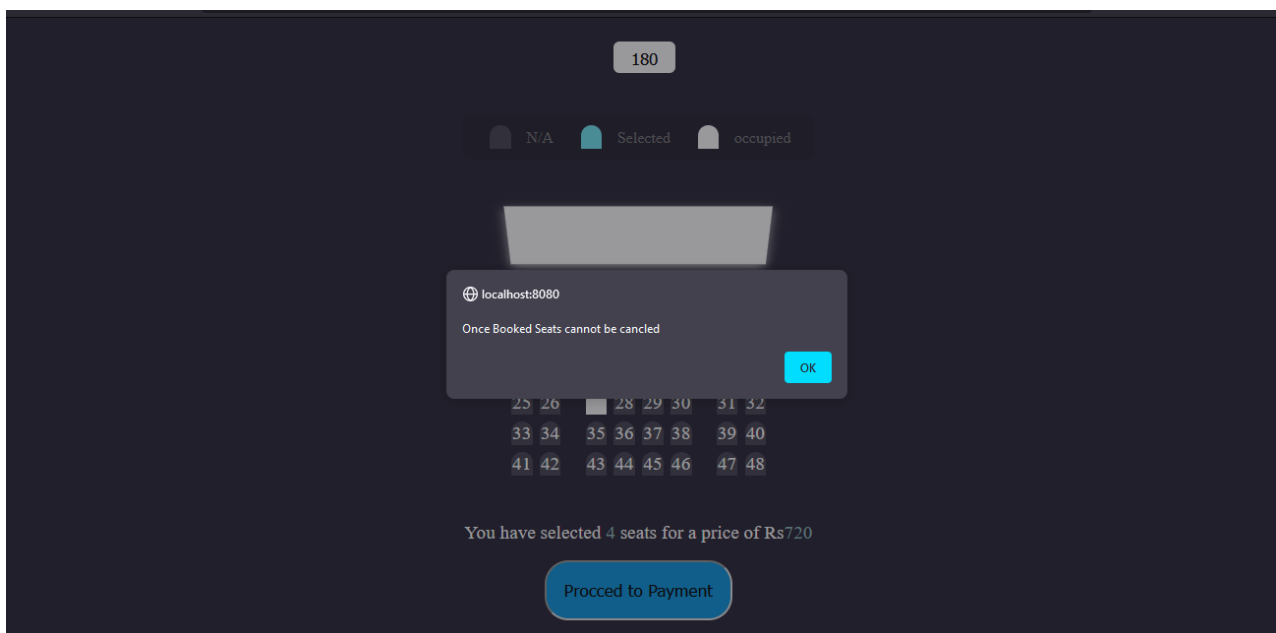
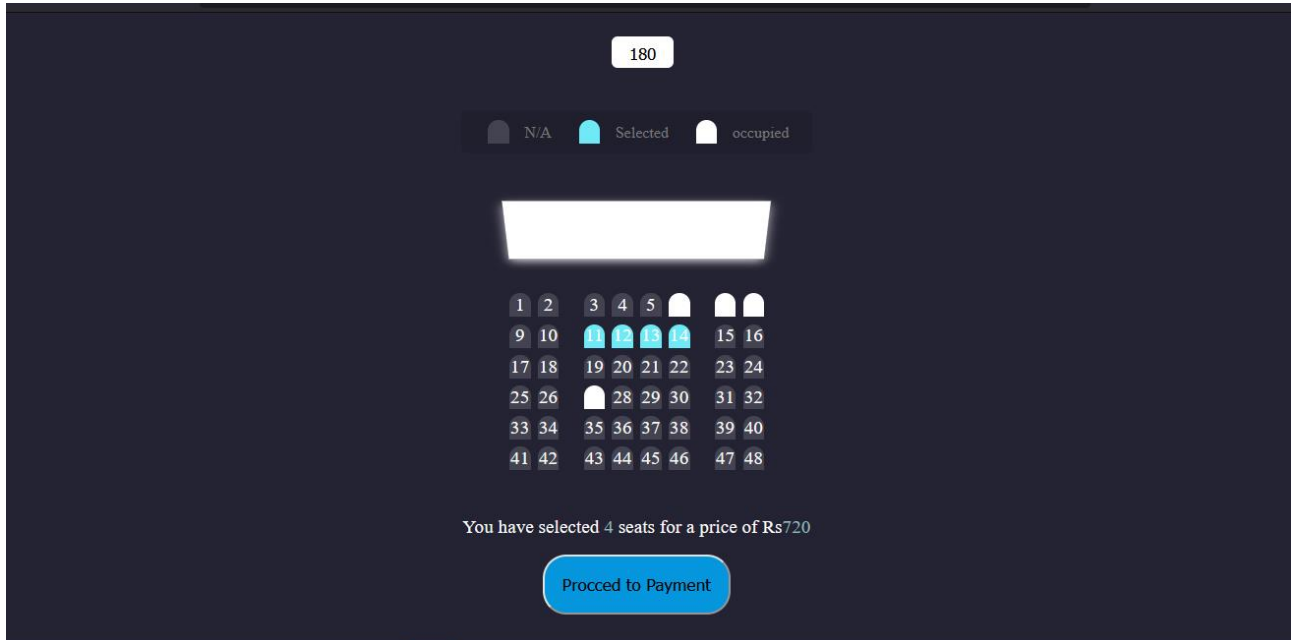
**Age:**

**Gender:**  
☐ Male ☒ Female

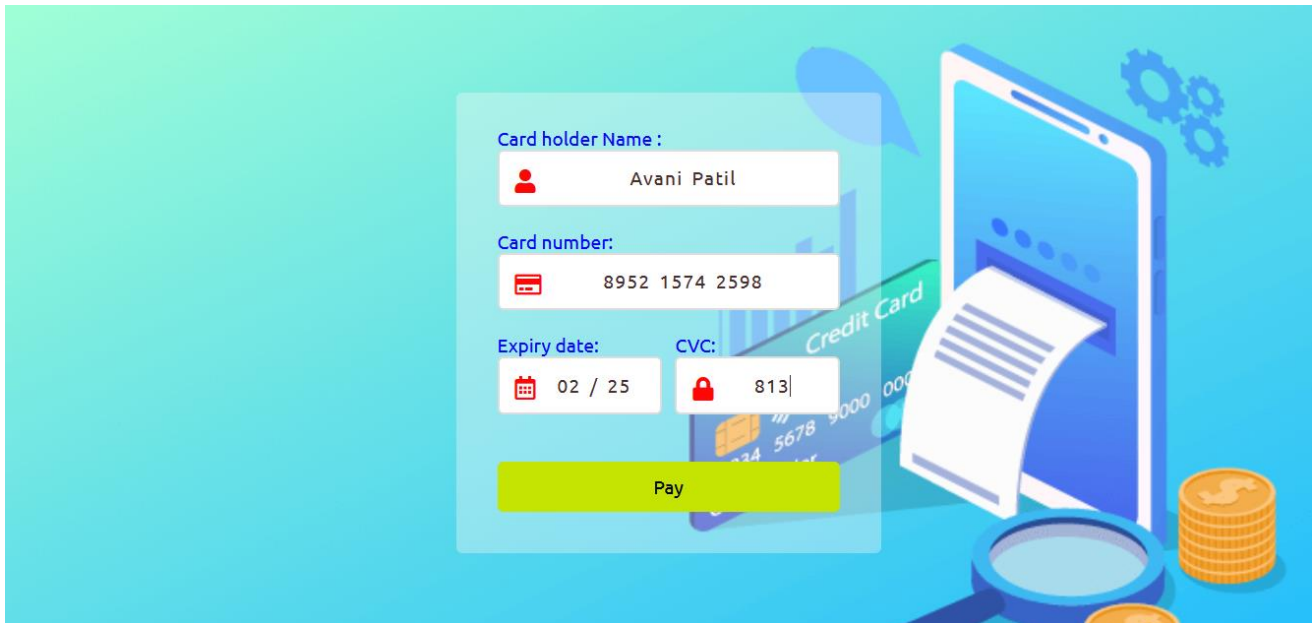
**Booking Date:**

**Choose a time slot:**

## 5. Seat Selection



## 6. Payment Details



The image shows a payment details form on a light blue background. The form is a white box with rounded corners. It contains the following fields: 'Card holder Name' with a red person icon and the text 'Avani Patil'; 'Card number' with a red card icon and the text '8952 1574 2598'; 'Expiry date' with a calendar icon and the text '02 / 25'; and 'CVC' with a red padlock icon and the text '813'. Below these fields is a large yellow 'Pay' button. To the right of the form, there is a graphic of a smartphone displaying a receipt, a credit card, a magnifying glass, and a stack of gold coins. The background also features some faint gear icons.

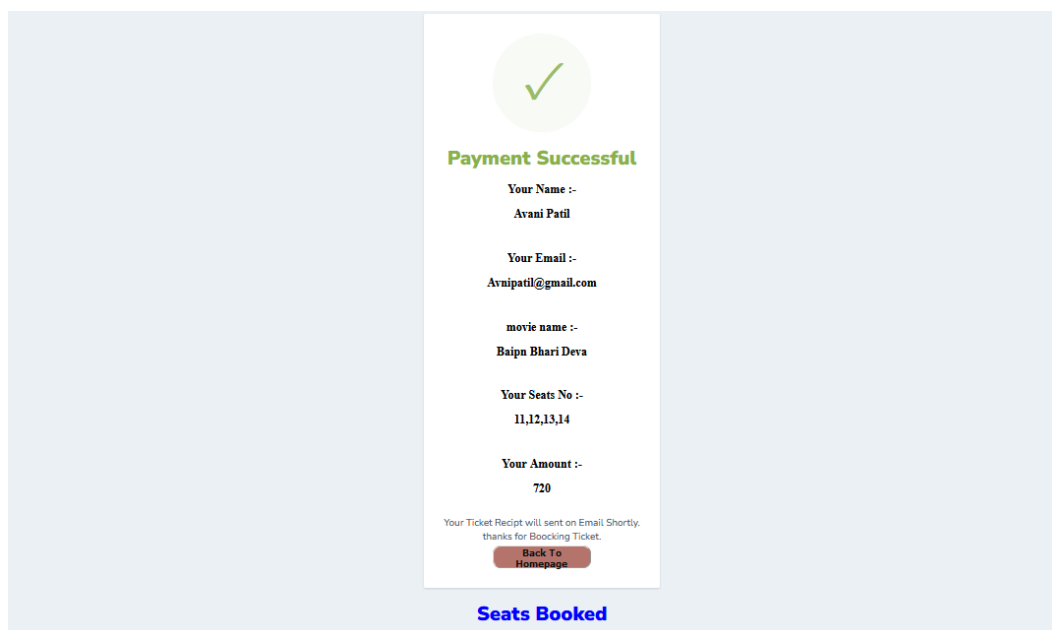
Card holder Name :  
Avani Patil

Card number:  
8952 1574 2598

Expiry date: 02 / 25 CVC: 813

Pay

## 7. Ticket Confirmation



The image shows a ticket confirmation screen. It has a light blue background. In the center, there is a white box with rounded corners. At the top of the box is a green checkmark icon. Below it, the text 'Payment Successful' is displayed in green. The box contains the following information: 'Your Name :- Avani Patil', 'Your Email :- Avnipatil@gmail.com', 'movie name :- Balpn Bhari Deva', 'Your Seats No :- 11,12,13,14', and 'Your Amount :- 720'. At the bottom of the box, there is a small line of text: 'Your Ticket Receipt will sent on Email Shortly. thanks for Booking Ticket.' Below this text is a red button with the text 'Back To Homepage'. Below the white box, the text 'Seats Booked' is displayed in blue.

✓

**Payment Successful**

Your Name :-  
Avani Patil

Your Email :-  
Avnipatil@gmail.com

movie name :-  
Balpn Bhari Deva

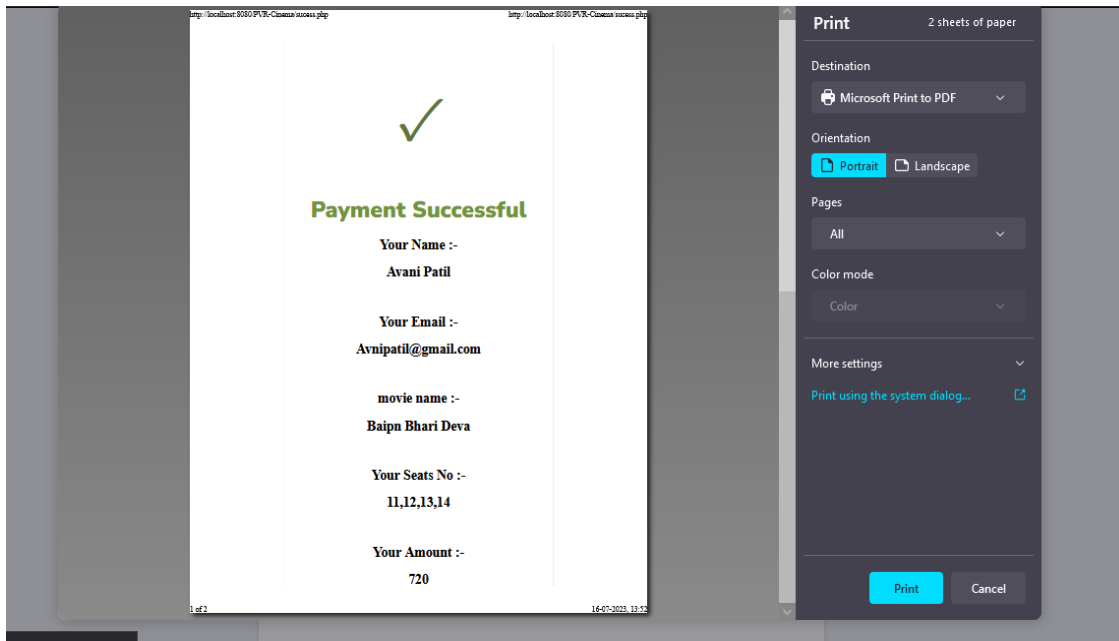
Your Seats No :-  
11,12,13,14

Your Amount :-  
720

Your Ticket Receipt will sent on Email Shortly.  
thanks for Booking Ticket.

Back To Homepage

**Seats Booked**



## IMPLEMENTATION

### 5.1) System Requirements:

- Hardware Requirement:**

Front end	HTML,JS,CSS, PHP
Back end	MYSQL
Operating System	Windows 10 Pro
Editor	Visual studio code (Vs code)

- Software Requirement:**

Processor	Intel® Core™
Speed	2.40 GHz
RAM	4 GB or more
Hard Disk	10 GB or more

### 5.2) Installation Process :

- How to install Visual Studio code :**

Step 1 : Download VS code from Browser.

Step 2 : Download the Visual Studio Code installer for Windows.Once it is downloaded, run the installer (VSCodeUserSetup-{version}.exe).

Step 3: Then, run the file –it will only take a minute. Accept the agreement and click “next.” After accepting all the requests press finish button.

Step 4: By default, VS Code installs under:

"C:\users{username}\AppData\Local\Programs\Microsoft VS Code."

Step 5: VS Code installation is successful.

- **How to install Xampp Server :**

Step 1- Open any web browser, find the option to download XAMPP with the latest version available on the website is 7.4.5. As soon as you click on it, automatic start of download appears on the screen.

Step 2- After the download is completed, double click the .exe extension file to start the process of installation.

Step 3- Select the location where the XAMPP software packet needs to be installed. After choosing a location, click "NEXT".

Step 4- After the successful installation of the XAMPP setup on your desktop, press the "FINISH" button.

Step 5 - On clicking the FINISH button, the software automatically launches, and the CONTROL PANEL is visible.

### 5.3) User Guidelines

- **For User:**

**Booking Movie Tickets :** Homepage → Select for Currently showing movies → Click on Book Now button → Fill the data to the respective fields → Click on Book Seats button → Select the Seats → Click on Proceed to payment → Enter the Payment Details → Click on Pay to Confirm the Seats

- **For Admin:**

**1.Admin Login:** Homepage → Enter 'Homepage/admin/' → Enter User Name and Password → Click on Login Button to log in.

**2.Add New Movie:** Select the Add Movies option from the menu → Fill the details to the respective fields → Click on Add Movie Button

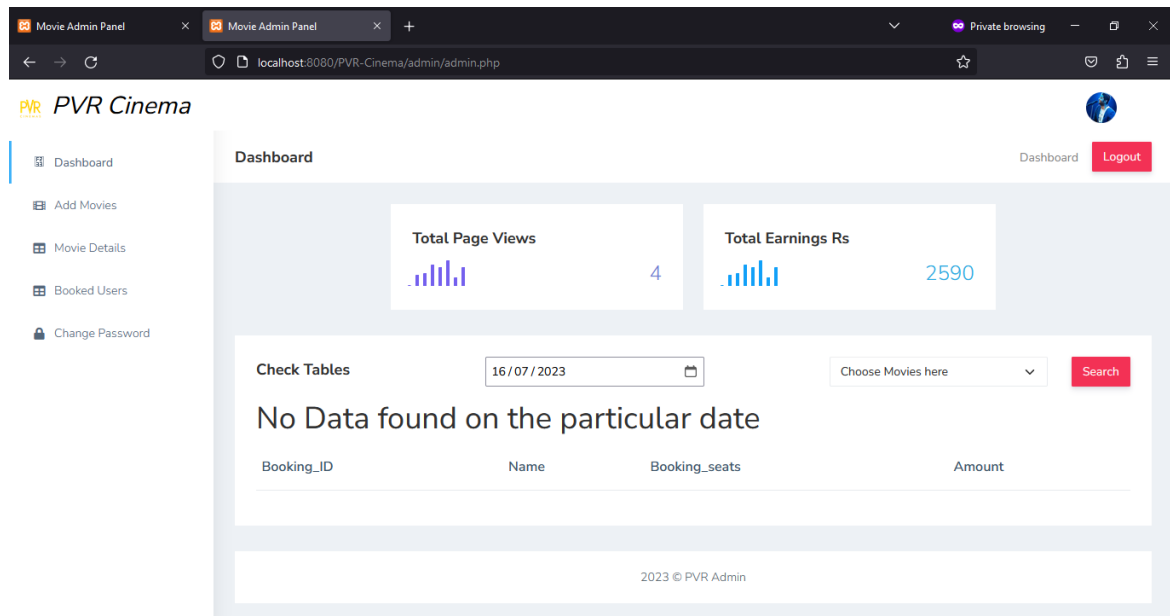
**3.Managing theater activates:**

- a) Select the User booking option from the menu → Displays all Records of booking users
- b) Select the Movie Shows option from the menu → Displays all Movies Details



## Reports

### 1. Admin Panel



### 2. Movie Details

**Movie Details**

**Check Tables For Movies**

MovieId	Movie Name	Status	Start Date	End Date	Ticket Price
9	Race 4	Active	14-07-23	20-07-23	250
10	Baipn Bhari Deva	Active	13-07-23	25-07-23	180
11	SpiderMan	Active	12-07-23	18-07-23	200
12	Date Bhet	Expired	08-07-23	14-07-23	250
13	Dream Girl is Back	Upcoming	17-07-23	23-07-23	200
14	Omg 2	Expired	12-07-23	16-07-23	150
15	Subhedar	Upcoming	18-07-23	23-07-23	150
16	Pushpa 2	Upcoming	17-07-23	26-07-23	190

### 3. User Details

PVR Cinema						
Dashboard Admin						
Search Customers						
Check Tables For Booked Users						
booking_id	Name	Email	Age	Gender	Date	Amount
23	Atharav Walke	athrv01@gmail.com	24	Male	16-07-23	180
24	Rajnandini Gaikwad	Rajgaik09@gmail.com	20	female	16-07-23	540
25	Shivrudra Patil	steamid1000@gmail.com	22	Male	17-07-23	400
29	Avani Patil	Avnipatil@gmail.com	22	female	16-07-23	720
30	Siddharth Patil	siddhu@gmail.com	23	Male	17-07-23	400
31	Manali kate	Manlikate@gmail.com	22	female	17-07-23	360
32	Milind Patil	milya@gmail.com	23	Male	16-07-23	180
33	Ashish Patil	Ashya@gmail.com	23	Male	17-07-23	200
34	Pratik Wadkar	pratuu@gmail.com	23	Male	16-07-23	500

### 4. Daily Records

PVR Cinema																							
Dashboard Admin																							
Dashboard																							
<div> <div>Total Page Views</div> <div>4</div> </div> <div> <div>Total Earnings Rs</div> <div>3730</div> </div>																							
<div> <div>Check Tables</div> <div>16/07/2023</div> <div>Choose Movies here</div> <div>Search</div> </div> <table> <tr> <th>Booking_ID</th><th>Name</th><th>Booking_seats</th><th>Amount</th></tr> <tr> <td>23</td><td>Atharav Walke</td><td>[27]</td><td>180</td></tr> <tr> <td>24</td><td>Rajnandini Gaikwad</td><td>[6,7,8]</td><td>540</td></tr> <tr> <td>29</td><td>Avani Patil</td><td>[11,12,13,14]</td><td>720</td></tr> <tr> <td>32</td><td>Milind Patil</td><td>[41]</td><td>180</td></tr> </table>				Booking_ID	Name	Booking_seats	Amount	23	Atharav Walke	[27]	180	24	Rajnandini Gaikwad	[6,7,8]	540	29	Avani Patil	[11,12,13,14]	720	32	Milind Patil	[41]	180
Booking_ID	Name	Booking_seats	Amount																				
23	Atharav Walke	[27]	180																				
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29	Avani Patil	[11,12,13,14]	720																				
32	Milind Patil	[41]	180																				
2023 © PVR Admin																							

## 5. Change Password

The screenshot displays the 'PVR Cinema' Admin interface. On the left is a sidebar with 'Dashboard' and 'Search Name' links. The main content area is titled 'Change the Password Below'. It contains two input fields: 'Enter New Password' and 'Confirm New Password', both with the value 'admin'. A 'Change Password' button is positioned below the first field. A modal error message is shown in the center, stating 'localhost:8080' and 'The password is too short', with an 'OK' button. The top right of the interface shows a user profile icon labeled 'Admin' and a 'Logout' button.

## **CONCLUSION AND SUGGESTION**

### **7.1) Conclusion:**

Movie Ticket Booking Website project basically aimed to provide complete information of the movie and schedule of streaming, according to which customer can purchase their tickets through Online. This Website is measurable, cost-effective and has good user interface. Admin can inform to customers about new release movies and keep all records booking users. Customers with movie website to know about new movies, show timings and can buy tickets without wasting time.

### **7.2) Limitations:**

1. Limited services are available on website
2. Online system requires high-speed internet connectivity
3. Needs to improve user interface

### **7.3) Suggestions:**

1. We can introduce more range of services
2. Based on the future security issues, We can be improved using emerging technologies admin modules can be added
3. It is possible to upgrade the system and can be adaptable to desired environment. that we can improve the user interface.

### **7.4) References:**

- **Books:**

Learning Php, Mysql & Javascript

PHP and MySQL Web Development

- **Websites:**

<https://123projectlab.com/>

<https://www.google.com/>

<https://www.youtube.com/>