

CHAPTER 1

INTRODUCTION

The main aim of this project project movie ticket booking system is a best way of ticket booking for cinema halls tickets and enquiries about availability of the tickets. This movie ticket booking system is very helpful for customers because it can be used by any person.

1.1 OBJECTIVES OF THE SYSTEM

The project aims to maintain the day to day state of movie bookings. It is designed to achieve the following objectives:

1. To computerize all details regarding movie ticket booking.
2. To reduce manual work and build an application program with only the admin having access to all functionalities.
3. To track all details about booking, shows, seatings, customers etc
4. To display the ticket to the user once a booking is made, so that they can show the same while entering the theatre.
5. To implement smart India, using only card payment methods.

1.2 LIMITATIONS OF THE SYSTEM

Although best efforts have been put in to make the software flexible, easy to operate but limitations cannot be ruled out. Though the software presents a broad range of options to its users, some intricate options could not be covered into it; partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint, thus it was not possible to make the software foolproof and dynamic. Due to lack of time, some parts have been ignored

Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that a layman may find it a bit problematic at the first instance.

CHAPTER 2

STUDY OF EXISTING SYTSTEM

2.1 A CASE STUDY ON MOVIE TICKET BOOKING SYSTEM

BACKGROUND AND REQUIRED SYSTEM GOAL

To enable customers to place advance bookings, it is decided to put in place a Movie Booking System to replace the current system. The goal of Movie Ticket Booking system is to enable customers to purchase cinema tickets in advance while still offering customers the traditional purchase of tickets on entry to the cinema requirement.

Initial analysis reveals that system actors include:

- Guest user
- Customer
- Admin

Initial analysis also reveals the following use case scenarios:

On entry to the Cloud Nine Cinemas booking system, the customers provides their payment card number and pays the amount as per the seating cost, once booking is made, a ticket is generated which is to be shown for entry to the theatre.

2.2 PROPOSED SYSTEM

A system is proposed which is more reliable, entertaining and easy than the present system. Our solution targets those users who do not have spare time to stand in queue for booking tickets. We propose an easy way of ordering and paying for the tickets without any delay and inconvenience. Book tickets to people who, without his physical presence is assured of a ticket before going to the theatre. No longer issue tickets to staff at the multiplex complex manual ticket availability and tracking system is needed. Ticket information can be accessed at any time for verification, which is safely stored in a database.

CHAPTER 3

DATABASE DESIGN

3.1 SOFTWARE REQUIREMENT SPECIFICATION

3.1.1 COLLECTION OF REQUIREMENTS

a. Ease of installation, deployment and use

SQL server includes a set of administrative and development tools that improve your ability to install, deploy, manage and use of SQL server across several sites.

b. Data warehousing

SQL server includes tools for extracting and analyzing summary data for online Processing. SQL server also includes tools for visually designing databases.

3.1.2 SOFTWARE AND HARDWARE REQUIREMENTS

SOFTWARE REQUIREMENTS

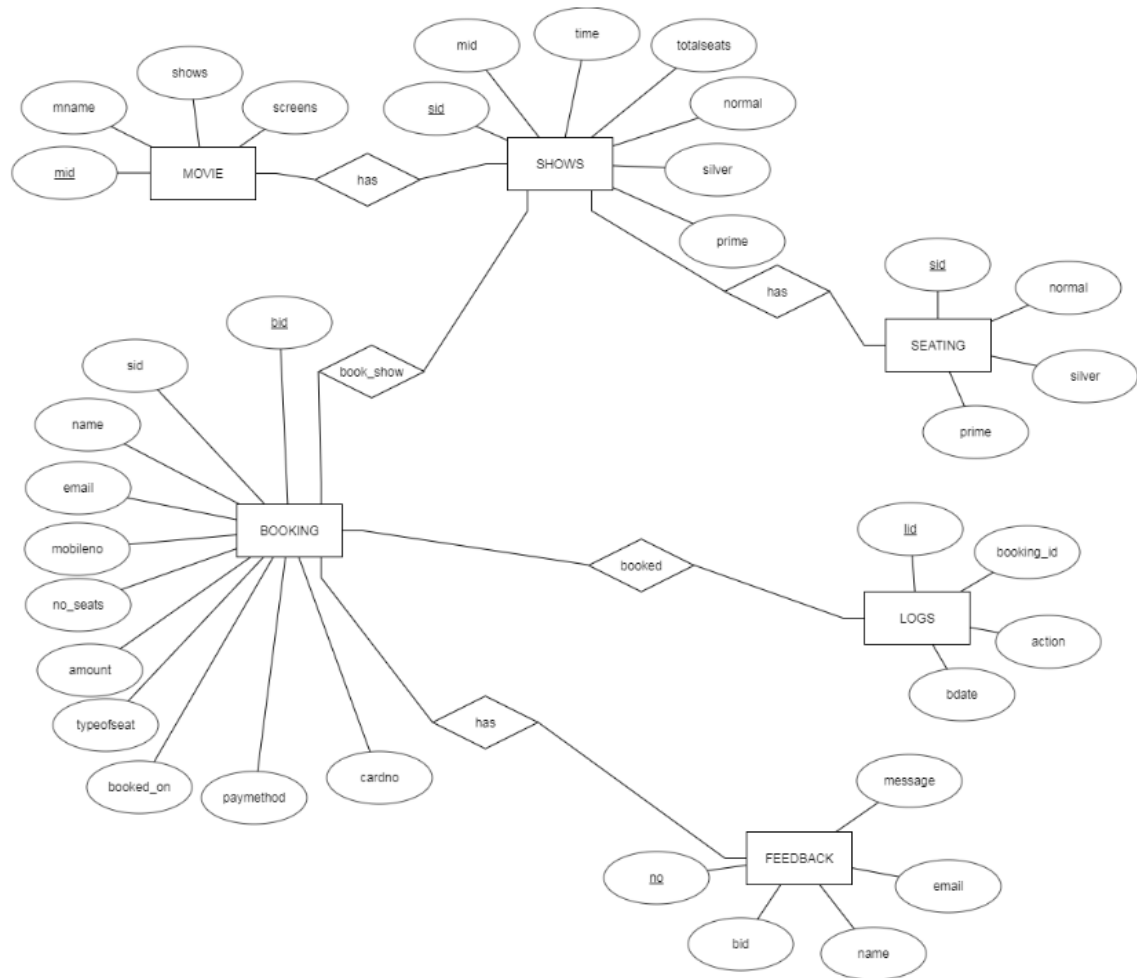
- | | |
|--------------------------|------------------------|
| 1. Operating system | - Windows XP/2007/2010 |
| 2. Application server | - XAMPP |
| 3. Front end | - Html, PHP |
| 4. Database | - SQL |
| 5. Database connectivity | - PHP |

HARDWARE REQUIREMENTS

- | | |
|--------------|--------------|
| 1. Processor | - Pentium-IV |
| 2. Speed | - 1.1 GHz |
| 3. RAM | -256 MB |
| 4. Hard disk | - 20 GB |

3.2 CONCEPTUAL DESIGN

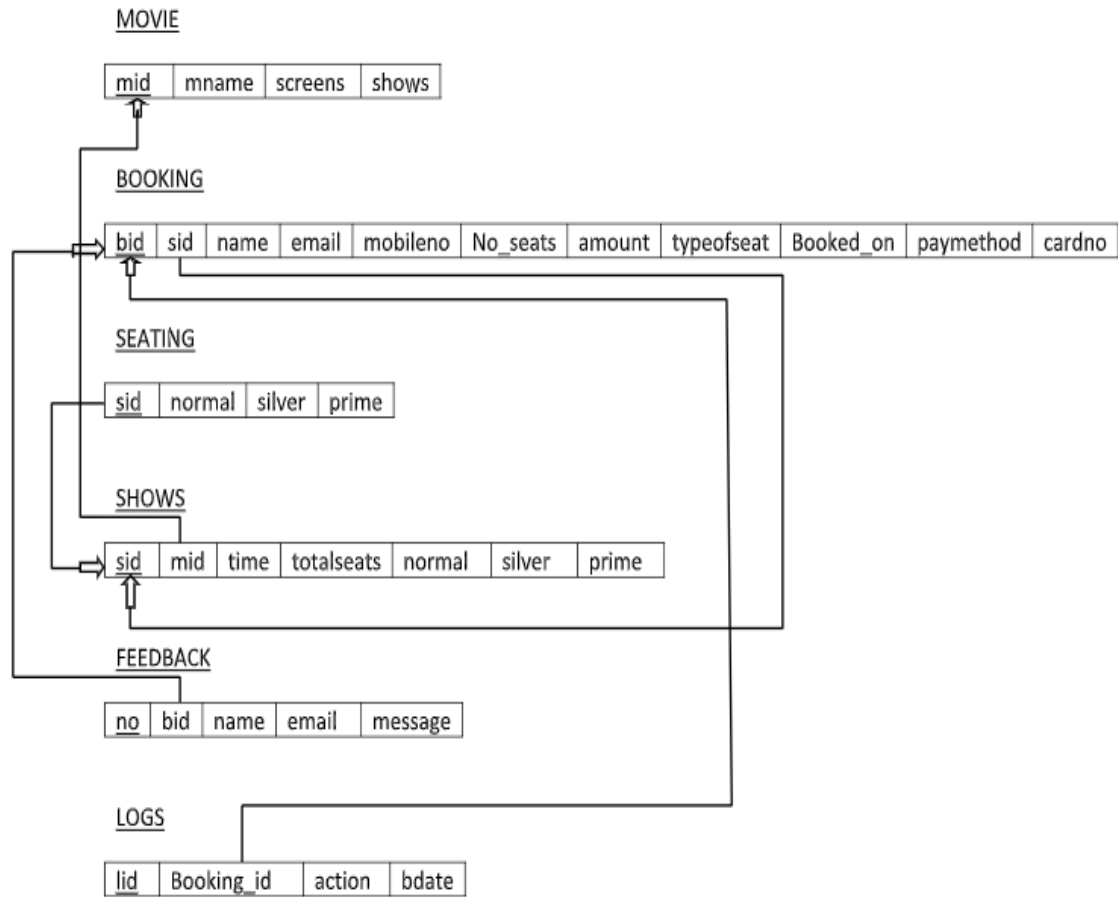
3.2.1 ER DIAGRAM



The above figure shows the ER diagram of the Movie ticket booking system which basically explains the workflow of the system. The main entities of movie ticket booking system are movie, shows, booking, suggestions, seating, ticket.

It is used to define the relationships between structured data groups of the movie ticket booking system functionalities.

3.2.2 SCHEMA DIAGRAM



3.3 IMPLEMENTATION

Implementation is a stage in the project where the theoretical design is turned into a working system and is giving confidence on the new system for the users, that it will work efficiently and effectively. It involves careful planning, investigation of the current system and its constraints on implementation, designs of methods to achieve the changeover, an evaluation of change over methods.

According to this plan, the activities are to be carried out, discussions made regarding the equipment and resources and the additional equipment has to be acquired to implement the new system. Implementation is the final and most important phase.

3.3.1 FRONT END

- The language used for the front end is a combination of HTML and PHP.
- The user interface in the front page shows all the movies for which a booking can be made.
- User books the movie of his choice in the desired time slot and once the payment is done, user is provided with a ticket with all the required information which should be shown before entry.
- The admin logs in to maintain and keep track of records such as bookings, logs, feedback, available seats etc.

ADMIN LOGIN CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="description" content="Modal tutorial from BootstrapBay.com">
  <meta name="author" content="BootstrapBay.com">
  <title>CLOUD NINE MOVIES</title>
```



```

<link href="css/bootstrap.min.css" rel="stylesheet">
  <link href="css/custom.css" rel="stylesheet">
  <link rel="stylesheet" type="text/css" href="css/styles.css">
  <link href="http://netdna.bootstrapcdn.com/font-awesome/4.0.3/css/font-awesome.css"
rel="stylesheet">
  <link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet'
type='text/css'>
  <link href='http://fonts.googleapis.com/css?family=Oswald' rel='stylesheet'
type='text/css'>
</head>
<body>
<div class="col-lg-4 col-md-4 col-sm-4 col-xs-4">
  <div class="row">
    <div class="col-lg-2 col-md-3 col-sm-3 col-xs-2"></div>
    <div class="col-lg-5 col-md-5 col-sm-5 col-xs-5">
      <h4><p><a href="http://localhost/movieticket" class="img-circle"
role="button"><span aria-hidden="true"></span><b>Admin login</b></a> </p></h4>
    </div>
  </div>
</div>
</div>
<!-- Fixed navbar -->
<div class="navbar navbar-default navbar-fixed-top" role="navigation">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target=".navbar-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="#">CLOUD NINE MOVIES</a>
    </div>

```

```

    </div>
</div>

<div class="loginbox">

<h1>Admin Login</h1>
<form method="post" action="index.php">
<p>Username</p>
<input type="text" name="uname" placeholder="Enter your Administrative username"
required>
<p>Password</p>
<input type="password" name="pw" placeholder="Enter your password" required>
<input type="submit" name="adminlogin" value="login">
</form>
</div>

<!-- Fixed footer -->
<div class="navbar navbar-inverse navbar-fixed-bottom" role="navigation">
    <div class="container">
        <div class="navbar-text pull-left">
            <p>Project by: <b>V.VARSHINI RAO</b> &
<b>VAISHNAVI.C.R</b></p>
        </div>
        <div class="navbar-text pull-right">
            <a href="#"><i class="fa fa-facebook-square fa-2x"></i></a>
            <a href="#"><i class="fa fa-twitter fa-2x"></i></a>
            <a href="#"><i class="fa fa-google-plus fa-2x"></i></a>
        </div>
    </div>
</div>
</div>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.0/jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
</body>

```

```
</html>

<?php
include 'includes/connect.php';
session_start();
if(isset($_SESSION['uname'])){
    header("Location: http://localhost/movieticket/admin/home_admin.php");
}else{
    session_destroy();
}
if(isset($_POST['adminlogin'])){
    $uname=$_POST['uname'];
    $pw=$_POST['pw'];
    $query="SELECT * FROM admin WHERE uname='$uname' and password='$pw'";
    $result=mysqli_query($conn,$query);

    if(mysqli_num_rows($result)>0){
        session_start();
        $_SESSION['uname']=$uname;
        header("Location: http://localhost/movieticket/admin/home_admin.php");
    }else{
        echo "<script>alert('Invalid password or username')</script>";
    }
}
?>
```

3.3.2 BACK END

The language used for back end is SQL. The software developed, contains the following tables:

TABLE CREATION:

Database: `cloud9`

Table structure for table `admin`

MOVIE TICKET BOOKING SYSTEM

```
CREATE TABLE `admin` (  
  `id` int(5) NOT NULL,  
  `uname` varchar(20) NOT NULL,  
  `password` varchar(20) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Table structure for table `booking`

```
CREATE TABLE `booking` (  
  `bid` int(5) NOT NULL,  
  `sid` int(5) NOT NULL,  
  `name` varchar(20) NOT NULL,  
  `email` varchar(50) NOT NULL,  
  `mobilen` bigint(12) NOT NULL,  
  `no_seats` int(5) NOT NULL,  
  `amount` int(5) NOT NULL,  
  `typeofseat` varchar(20) NOT NULL,  
  `booked_on` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,  
  `paymethod` varchar(20) NOT NULL,  
  `cardno` bigint(20) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Table structure for table `feedback`

```
CREATE TABLE `feedback` (  
  `no` int(5) NOT NULL,  
  `bid` int(5) NOT NULL,  
  `name` varchar(20) NOT NULL,  
  `email` varchar(30) NOT NULL,  
  `message` varchar(100) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

MOVIE TICKET BOOKING SYSTEM

Table structure for table `movie`

```
CREATE TABLE `movie` (  
  `mid` int(5) NOT NULL,  
  `mname` varchar(20) NOT NULL,  
  `screens` int(5) DEFAULT NULL,  
  `shows` int(5) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Table structure for table `seating`

```
CREATE TABLE `seating` (  
  `sid` int(5) NOT NULL,  
  `normal` int(5) NOT NULL,  
  `silver` int(5) NOT NULL,  
  `prime` int(5) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Table structure for table `shows`

```
CREATE TABLE `shows` (  
  `sid` int(5) NOT NULL,  
  `mid` int(5) NOT NULL,  
  `time` time NOT NULL,  
  `totalseats` int(5) NOT NULL,  
  `normal` int(5) NOT NULL,  
  `silver` int(5) NOT NULL,  
  `prime` int(5) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

3.3.3 TRIGGER IMPLEMENTATION:

```
CREATE TRIGGER `insertlog`  
AFTER INSERT ON `booking`  
FOR EACH ROW insert into logs values(null, NEW.bid , 'New booking  
inserted',NOW());
```

The trigger is written to keep track of number of bookings. Each time a booking is made and a row inserted in bookings table, a log is created. A row in logs table will be added automatically showing the booking id, date and time of the new booking arrival.

3.3.4 STORED PROCEDURE

```
CREATE PROCEDURE `getfeedback`()  
NOT DETERMINISTIC CONTAINS SQL  
SQL SECURITY DEFINER select * from feedback
```

The stored procedure is used to display contents of feedback table. To view the feedbacks given by users, we don't have to write the whole code in PHP. Once saved as a stored procedure, it can now be called as many number of times as required using the following statement:

```
CALL `getfeedback`()
```

CHAPTER 4

USER INTERFACES

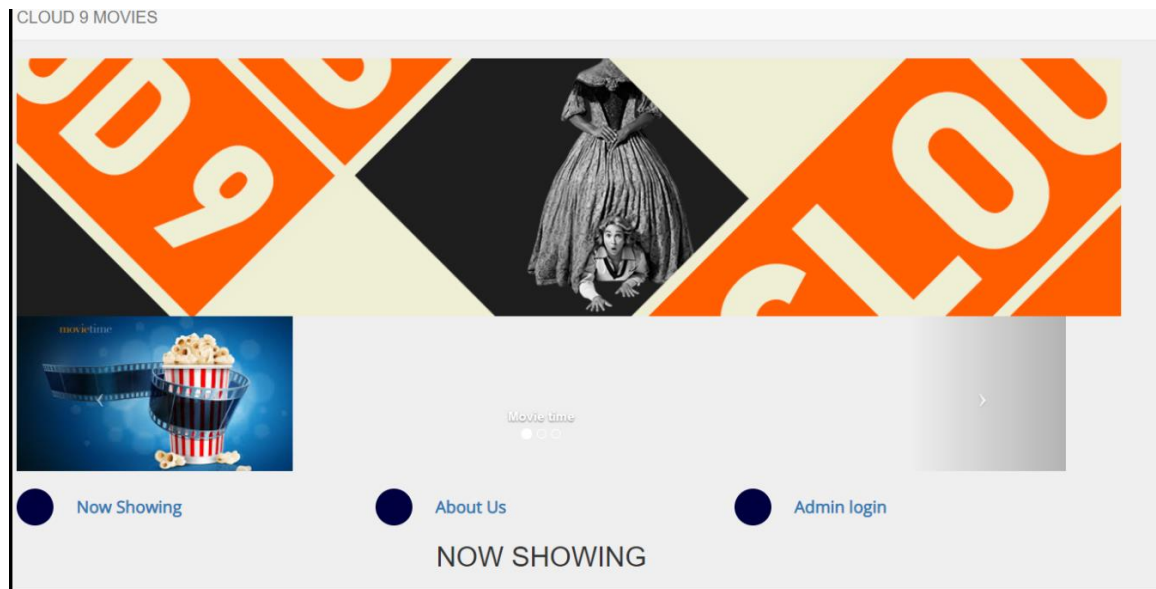


Fig 4.1 Main page

MOVIE TICKET BOOKING SYSTEM

CLOUD 9 MOVIES



HALF GIRLFRIEND

10:00 21:00



SANJU

13:00 16:00 21:00



GOLMAAL AGAIN

10:00 19:00



CLOUD 9 MOVIES



TITANIC

13:00 19:00



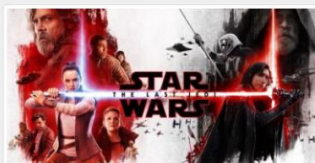
Maze Runner

10:00 16:00



Phantom Thread

16:00 19:00



Star Wars

13:00 16:00 21:00



Tomb Raider

10:00 13:00

MOVIE TICKET BOOKING SYSTEM

CLOUD 9 MOVIES

UPCOMING MOVIES



No Ordinary Hero
Starting from
Friday, March 1



Pony
Starting from
Monday, March 4



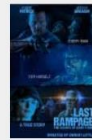
Judge Dredd
Starting from
Thursday, March 7



Happens
Starting from
Saturday, March 2



Scary Movie 2
Starting from
Tuesday, March 5



Last Rampage
Starting from
Friday, March 8



The Imoji Movie
Starting from
Sunday, March 3



Epic 2
Starting from
Wednesday, March 6



Evil is trending
Starting from
Saturday, March 9

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CLOUD 9 MOVIES



[Now Showing](#)



[About Us](#)



[Admin login](#)

ABOUT US

Our Vision

"The trusted leader in Cinema and its related Entertainment"

Our Mission

"The epitome of excellence in entertainment while being the beacon of innovation, hope and change with a sustainable value to all our stakeholders"

About Cloud Nine Cinema



MOVIE TICKET BOOKING SYSTEM

CLOUD 9 MOVIES

Cloud Nine Cinema is owned and managed by EAP Films & Theaters Private Limited. It has long been a one of the top end movie entertainment centers in and around Bangalore city. Cloud Nine Cinema is well equipped with the latest movie technology can accommodate 150 GOLD CLASS, 497ODC and 8 Box seats that can seat two per Box. Savoy Cinema currently screen movies in four major languages, namely English,Hindi,Kannada and Telugu Movies and the cinema currently screens four movies per day.

In order to uplift Indian Cinema it is vital to match up to the International standards and technology plays a key role in this venture. International cinema has reached its peak in the highest of technological standards, and the same experience should be enjoyed by Indian film viewers as well."

Send us your suggestions...

Suggestion number

Booking ID

Name

email

Message

Write us your suggestions...

[Send Message](#)

For further info - Contact Us

Address : Cloud Nine Cinemas, RT Nagar Bangalore-560032
Contact No :+9743855247/ 9480416884
E-mail : varshinirao6@gmail.com
E-mail : vaishucrk@gmail.com

Get started

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About us

- [Company Information](#)

Contact us

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Fig 4.2 About us and suggestions

CLOUD 9 MOVIES

BOOKING DETAILS



HALF GIRLFRIEND(2018)

Madhav Jha, a student from Bihar, takes admission in a Delhi college and falls in love with Riya Somani. He coaxes her to be his girlfriend, but she isn't interested in anything more than friendship.

Enter Booking Details

Booking for date: 4/12/2018

HALF GIRLFRIEND
10:00
Full Name
Email
Enter 10 digit mobile number
No. of seats to book

Seat Type

CLOUD 9 MOVIES

Full Name
Email
Enter 10 digit mobile number
No. of seats to book

Seat Type

- ☐ prime
- ☐ silver
- ☐ normal

Payment Method

- ☐ paypal
- ☐ credit/debit

Card Number

Book Now

Seat Availability			
Type of seats	Normal	Silver	Prime
No. of available seats	90	50	40


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Fig 4.3 Booking details

MOVIE TICKET BOOKING SYSTEM

CLOUD NINE MOVIES



Admin Login

Username
Varshini

Password

login

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Fig 4.4 Admin login

CLOUD 9 MOVIES

Home

Seats available

Bookings

Logs

Feedback

Logout

Search for shows by movie name:

Half Girlfriend

Search

Search for shows by movie timings:

10:00

Search

Shows now running

Show ID	Movie name	Show timings	Date	Total Seats allotted	Pricing for Normal seats	Pricing for Silver seats	Pricing for Prime seats
1	Half Girlfriend	10:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
2	Half Girlfriend	21:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
3	Sanju	13:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
4	Sanju	16:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
5	Sanju	21:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
6	Golmaal again	10:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
7	Golmaal again	19:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
8	Interstellar	16:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
9	Interstellar	21:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
10	Titanic	13:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350
11	Titanic	19:00:00	4/12/2018	180	Rs. 150	Rs. 250	Rs. 350

MOVIE TICKET BOOKING SYSTEM

12	Maze Runner	10:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
13	Maze Runner	16:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
14	Phantom Thread	16:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
15	Phantom Thread	19:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
16	Star Wars	13:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
17	Star Wars	16:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
18	Star Wars	21:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
19	Tomb raider	10:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350
20	Tomb raider	13:00:00	4/12/2018	180	Rs.150	Rs.250	Rs.350




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Fig 4.5 Admin home page

CLOUD 9 MOVIES							Home	Seats available	Bookings	Logs	Feedback	Logout
Shows seating availability												
Show ID	Movie name	Show Timings	Seats available in normal		Seats available in Silver		Seats available in prime		Total Seats available			
1	Half Girlfriend	10:00:00	90		50		40		180			
2	Half Girlfriend	21:00:00	90		49		34		173			
3	Sanju	13:00:00	84		46		40		170			
4	Sanju	16:00:00	90		50		40		180			
5	Sanju	21:00:00	90		50		40		180			
6	Golmaal again	10:00:00	90		50		38		178			
7	Golmaal again	19:00:00	90		50		40		180			
8	Interstellar	16:00:00	90		50		40		180			
9	Interstellar	21:00:00	90		43		40		173			
10	Titanic	13:00:00	90		50		40		180			
11	Titanic	19:00:00	90		50		40		180			
12	Maze Runner	10:00:00	90		50		40		180			
13	Maze Runner	16:00:00	90		50		40		180			
14	Phantom Thread	16:00:00	90		50		30		170			
15	Phantom Thread	19:00:00	90		50		40		180			
16	Star Wars	13:00:00	90		50		40		180			
17	Star Wars	16:00:00	89		50		40		179			
18	Star Wars	21:00:00	90		50		40		180			
19	Tomb raider	10:00:00	90		50		40		180			
20	Tomb raider	13:00:00	90		47		40		177			




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Fig 4.6 Seats available

MOVIE TICKET BOOKING SYSTEM

CLOUD 9 MOVIES

Home

Seats available

Bookings

Logs

Feedback

Logout

Search for bookings by movie name:

Half Girlfriend

Search

Bookings done											
Booking ID	Movie name	Show timings	Date	Booker name	Booker email	Booker mobile	No. of seats booked	Type of seats booked	Total amount paid	Booked on date and time	Payment method
51	Tomb raider	13:00:00	4/12/2018	Varshini	varshinirao6@gmail.com	90000000	3	silver	750	2018-12-02 17:20:29	paypal
52	Star Wars	16:00:00	4/12/2018	vaish	vaishucrk@gmail.com	87763873888	1	normal	150	2018-12-02 17:22:37	credit/debit
53	Half Girlfriend	21:00:00	4/12/2018	arav	king.saurav27@gmail.com	123456789	1	silver	250	2018-12-02 17:28:45	credit/debit
54	Interstellar	21:00:00	4/12/2018	Varshini	varshinirao6@gmail.com	67788909	3	silver	750	2018-12-02 17:55:30	credit/debit
55	Golmaal again	10:00:00	4/12/2018	Varshini	varshinirao6@gmail.com	4567890	2	prime	700	2018-12-02 21:53:35	paypal
56	Golmaal again	10:00:00	4/12/2018	Varshini	varshinirao6@gmail.com	34567890	2	normal	300	2018-12-03 09:14:42	credit/debit

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Fig 4.7 Bookings

CLOUD 9 MOVIES

Home

Seats available

Bookings

Logs

Feedback

Logout

Booking logs

Log ID	Booking ID	Action	Date
1	51	New booking inserted	2018-12-02 17:20:29
2	52	New booking inserted	2018-12-02 17:22:37
3	53	New booking inserted	2018-12-02 17:28:45
4	54	New booking inserted	2018-12-02 17:55:30
5	55	New booking inserted	2018-12-02 21:53:35
6	56	New booking inserted	2018-12-03 09:14:42

Fig 4.8 Logs

CLOUD 9 MOVIES					Home	Seats available	Bookings	Logs	Feedback	Logout
Bookings done										
no	Booking ID	Name	Email	Feedback						
1	52	Uwaiz	aliuwaizkhan@gmail.com	The booking helped me to stay at home and book the ticket without any hustle.....						
2	53	Vaishnavi CR	vaishucrk@gmail.com	It was good..						

Fig 4.9 Feedback

CHAPTER 5

CONCLUSION

- This project has been developed successfully and the performance of the system has been satisfactory.
- Use of this interface helps customers in having immediate information about running movie and reserve their seats without wasting their precious time.

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- www.wikipedia.org