

A Project Report
On
MOVIE TICKET BOOKING

Developed At
Harivandana College

For the fulfillment of the requirements for the
B.C.A. – 5th Semester[2021]

Developed By
PINAL VASOYA

Submitted To



DEPARTMENT OF COMPUTER SCIENCE

-. Under the Guidance of :-

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INFORMATION GATHERING

PROJECTPROFILE:

Sr. no.	Title	Details
1.	Group no	3
2.	Project Title	Movie Ticket Booking
3.	Front End Tool	PHP
4.	Back And Tool	MYSQL
5.	Project Duration	Jun – sep 2021
6.	Submitted By	Pinal Vasoya
7.	Stream	TY BCA (Sem-5)
8.	Guided By	Prof. Dhramendra Ambani
9.	Submitted To	Harivandana college
10..	Project type	Web Application

SOFTWARE:

Software	Specification
Operating System	Microsoft Windows-10
Tool	Sublime Text 3,Xampp
Back End	MySQL
System Type	64 Bit Operating System

HARDWARE

Hardware	Specification
Processor	2.33 GHZ
RAM	2.00 GB
Hard Disk	500GB

Harivandana college-Rajkot

Department of Computer Science



DECLARATION

We hereby declare that this project based lab report entitled “**Movie ticket booking System**” has been prepared by us in Computer Science during the academic year 2020 - 21.

We also declare that this project based lab report is of our own effort and it has not been submitted to any other university.

Date: 4/ 10 / 2021

Place: Rajkot

ACKNOWLEDGEMENT

The Satisfactory that accompanies the successful completion of a project would be incomplete without the people who made it possible. Their constant guidance and encouragement crowned our efforts with success.

We express our profound thanks to Prof. Dharmendr Ambani Sir, Head of the Department of Computer Engineering, Harivandana College of Engineering and Technology, Rajkot. We would like to thank them for their continuous support and encouragement.

Last but not the least, our appreciable also goes to all staff members of Computer Engineering Department and to our fellow classmates who directly or indirectly helped us.

We take this opportunity to thank Harivandana College, Rajkot for giving us opportunity to do this project. We acknowledgement all our friends for their innumerable guidelines and suggestions. We also thank all the staff members and the Mr. Rathod Sir Rajkot for their valuable help and co-operation. We thank all of you once again.

PROJECT ASSOCIATES

Name	Roll No.	Department
Vasoya Pinal	5110	BCA

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LIST OF ENTITIES & ATTRIBUTES

Entities	Attributes
Bookingtable	<u>BookingID</u> movieID bookingTheatre bookingType bookingDate bookingTime bookingFName bookingLName bookingPNumber bookingEmail amount ORDERID DATE-TIME
Feedbacktable	<u>MsgID</u> senderfName senderlName sendereMail senderfeedback
Movietable	<u>MovieID</u> movieImg movieTitle movieGenre movieDuration movieRelDate movieDirector movieActors mainhall viphall privatehall

Movie Ticket Booking System

Users	username name password
-------	------------------------------

ABSTRACT

The Movie Ticket Booking System facilitates the users to enquire about the recent movies available movies, booking and cancellation of movie tickets according to theatre type and class type, enquire about the status of the booked tickets, etc.

The aim of this project is to design a website that gives an easy platform for people to get details of trending films and to get movie tickets in the easiest possible way making it simple for all to buy tickets from anytime and anywhere.

This project contains introduction to movie ticket booking system. It is a computerized way of reserving the seats of movie in advance. This online movie ticket booking system can make the process of booking movie tickets much easier than ever before. Then this project contains entity relationship model diagram based on movie ticket booking system an introduction to relational model also example of some SQL queries to retrieve data from the database of this system.

INTRODUCTION

Database is an organized collection of data. The data is typically organized to model aspects of reality in a way that supports processes requiring information. A DBMS makes it possible for end users to create, read, update and delete data in a database. The DBMS essentially serves as an interface between the database and end users or application programs, ensuring that data is consistently organized and remains easily accessible. The DBMS manages three important Things: the data, the database engine that allows data to be accessed, locked or modified and the database schema, which defines the database's logical structure. These three foundational elements help provide concurrency, security , data integrity and uniform administration procedures. The DBMS can offer both logical and physical data independence. That means it can protect users and applications from needing to know where data is stored or having to be concerned about changes to the physical structure of data.

The main purpose of maintaining a database for Movie Ticket Booking System is to reduce the manual errors involved in the bookings and cancellation of tickets and make it convenient for the customers and the providers to maintain the data about their customers and also about the seats available at them. Due to automation many loopholes that exist in the manual maintenance of the records can be removed. The speed of obtaining and processing the data will be fast. For future expansion the proposed system can be web enabled so that clients can make various enquiries about movie ticket booking. Due to this, sometimes a lot of problems occur and they are facing many disputes with the customers. To solve the above problem,we design a database which includes customer details, availability of movie seats, etc.

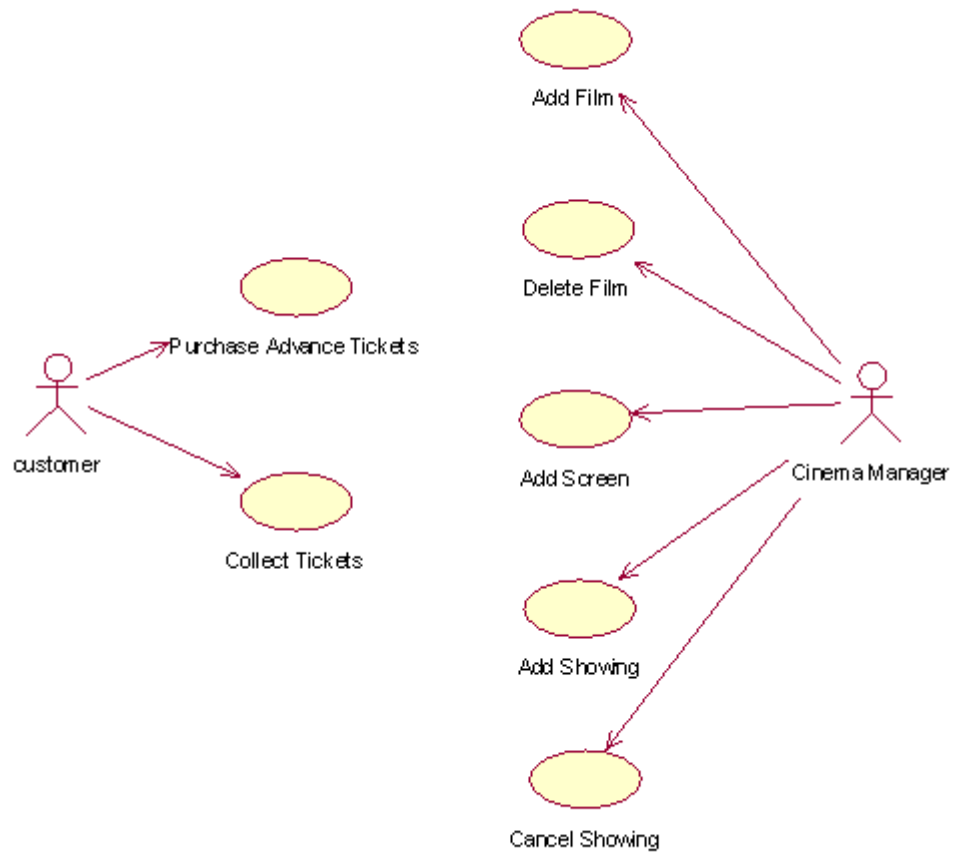
PROJECT DESCRIPTION

This project is about creating a webapp for movie ticket booking system.

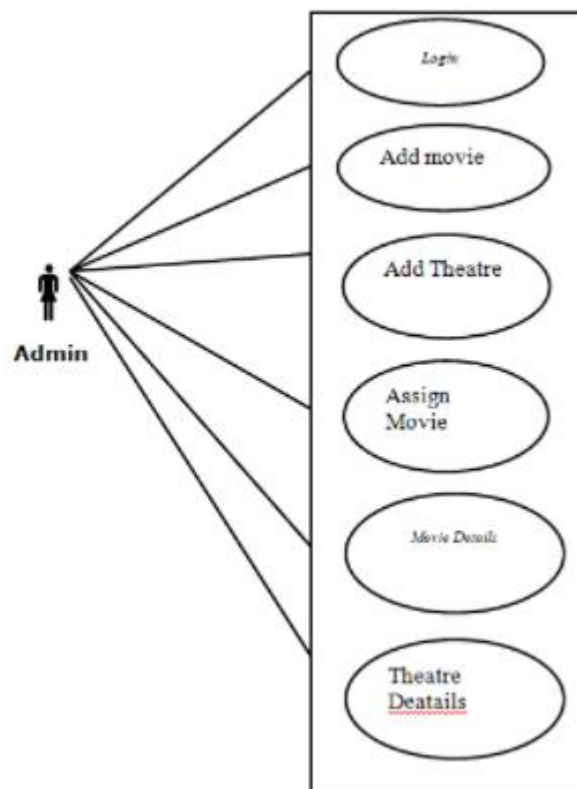
The movie ticket booking system allows the user to do enquiry and get information about the trending movies and get to know about availability of seats for that movie according to theatre type, class type etc. This website will provide users an easy way for booking and cancellation of movie tickets, enquire about the status of booked tickets, provide feedback about the system, etc. Also in this ticket booking webapp all types of payment methods are accepted. There is a feedback form also in this webapp through which users can express their views openly to us about our system and give their valuable suggestion about the system functioning.

Also there is an admin dashboard through which the system providers can keep track of functioning of the system. Through this admin dashboard system providers can see bookings of all movies and make new entries of movies according to new releases and edit data also delete booking in some cases. Also through this admin dashboard system providers keep track of the number of bookings and also maintains user feedback given by users of this system. Also through this admin dashboard system providers keep track of recent releases of movies and provide the same information to the users and also keep track of recent booking of the users. Also at the end of payment users get e-ticket containing details about the movie time, theatre type, class type etc.

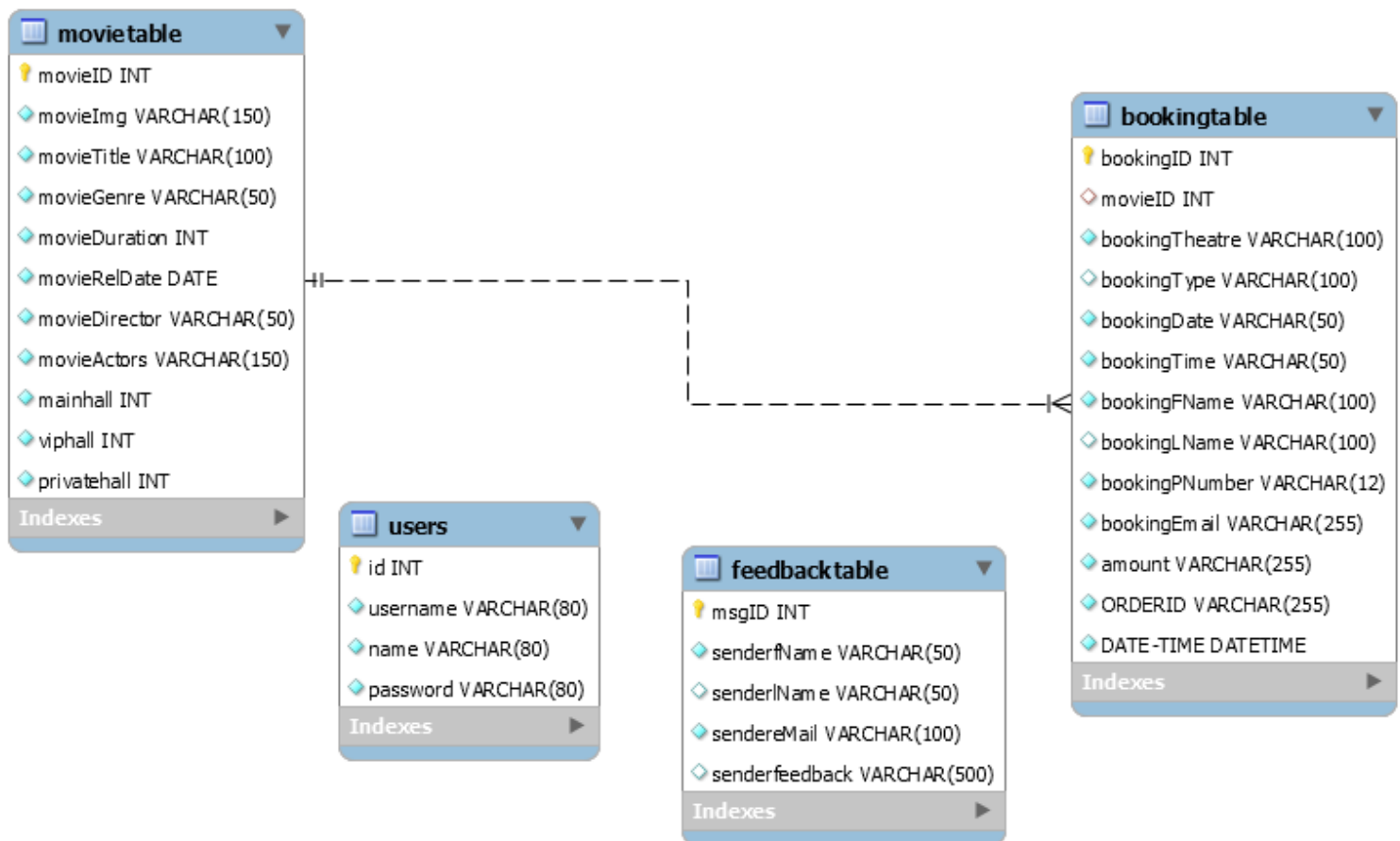
USECASE DIAGRAM



USECASE DIAGRAM



ER DIAGRAM(CONCEPTUAL MODEL)



TECHNOLOGY STACK

Front Technologies:

HTML



HTML

CSS



CSS



JAVASCRIPT

Database Technologies:



MySQL



PHPMyAdmin

Backend Technologies:





HyperText Markup Language (HTML) is the set of markup symbols or codes inserted into a file intended for display on the Internet. The markup tells web browsers how to display a web page's words and images.

Each individual piece markup code (which would fall between "<" and ">" characters) is referred to as an element, though many people also refer to it as a tag. Some elements come in pairs that indicate when some display effect is to begin and when it is to end.

HyperText Markup Language (HTML) is the basic scripting language used by web browsers to render pages on the world wide web.

- HyperText allows a user to click a link and be redirected to a new page referenced by that link.
- Early versions of HTML were static (Web 1.0), while newer iterations feature a great deal of dynamic flexibility (Web 2.0, 3.0).
- Markup is the text that appears between two pointed brackets (e.g., <footnote>), and content is everything else.

- Hyper Text Markup Language.
 - HTML stands for hyper text markup Language.
 - HTML Describes the structure of Web Pages using markup.
 - HTML Elements are the Building blocks of HTML pages.
 - HTML Elements are represented by Tags.
-
- HTML tags label pieces of content such as “heading”, “paragraph table” and so on.

Browsers do not display the HTML tags but use them to Seder the content of the page.



CSS stands for Cascading Style Sheets. It is the language for describing the presentation of Web pages, including colours, layout, and fonts, thus making our web pages presentable to the users.

CSS is designed to make style sheets for the web. It is independent of HTML and can be used with any XML-based markup language. Now let's try to break the acronym:

Cascading: Falling of Styles

Style: Adding designs/Styling our HTML tags

Sheets: Writing our style in different documents

CSS is a style sheets is a style sheet language used for describing the presentation semantics of a document written in a mark-up language.

CSS is designed primarily to enable separation of document content from document presentation including element such as the layout, colors and fonts.



JavaScript is the world's most popular programming language.

JavaScript is the programming language of the Web.

JavaScript is easy to learn.

This tutorial will teach you JavaScript from basic to advanced.

JavaScript is a lightweight, cross-platform, and interpreted scripting language. It is well-known for the development of web pages, many non-browser environments also use it.

JavaScript can be used for [Client-side](#) developments as well as [Server-side](#) developments. JavaScript contains a standard library of objects, like [Array](#), [Date](#), and [Math](#), and a core set of language elements like **operators**, **control structures**, and **statements**.

- **Client-side:**

It supplies objects to control a browser and its Document Object Model (DOM). Like if client-side extensions allow an application to place elements on an HTML form and respond to user events such as **mouse clicks**, **form input**, and **page navigation**. Useful libraries for the client-side are [AngularJS](#), [ReactJS](#), [VueJS](#) and so many others.

- **Server-side:**

It supplies objects relevant to running JavaScript on a server. Like if the server-side extensions allow an application to communicate with a database, and provide continuity of information from one invocation to another of the application, or perform file manipulations on a server. The useful framework which is the most famous these days is [node.js](#).

➤ **Features of Java script:-**

In the community of web developers and surfers java script is highly popular as client side scripting Language for the web Browsers

➤ **Support For objects:-**

Java Script is an Object oriented Language however the way java script handles objected inheritance is bit different from conventional objected programming Language like java.

Due to this java script supports most of the object oriented Concepts While being simple to learn and use.



phpMyAdmin is a free software tool written in PHP that is intended to handle the **administration of a MySQL or MariaDB database server**. You can use phpMyAdmin to perform most administration tasks, including creating a database, running queries, and adding user accounts.

- create, browse, edit, and drop databases, tables, views, columns, and indexes
- display multiple results sets through stored procedures or queries
- create, copy, drop, rename and alter databases, tables, columns and indexes
- maintenance server, databases and tables, with proposals on server configuration
- execute, edit and bookmark any [SQL](#)-statement, even batch-queries
- load text files into tables
- create [\[1\]](#) and read dumps of tables
- export [\[1\]](#) data to various formats: [CSV](#), [XML](#), [PDF](#), [ISO/IEC 26300](#) - [OpenDocument](#) Text and Spreadsheet, Microsoft Word 2000, and LATEX formats
- import data and [MySQL](#) structures from [OpenDocument](#) spreadsheets, as well as [XML](#), [CSV](#), and [SQL](#) files



Relational Database Management System (RDBMS) MySQL is a relational database management system. ...

Easy to use. MySQL is easy to use. ...

It is secure. ...

Client/ Server Architecture. ...

Free to download. ...

It is scalable. ...

Speed. ...

High Flexibility.

MySQL is a relational database management system (RDBMS) based on the SQL (Structured Query Language) queries. It is one of the most popular languages for accessing and managing the records in the table. MySQL is open-source and free software under the GNU license. Oracle Company supports it.



PHP is an amazing and popular language!

It is powerful enough to be at the core of the biggest blogging system on the web (WordPress)!

It is deep enough to run the largest social network (Facebook)!

It is also easy enough to be a beginner's first server side language!

PHP is a [general-purpose scripting language](#) geared towards [web development](#).^[7] It was originally created by Danish-Canadian [programmer Rasmus Lerdorf](#) in 1994.^[8] The PHP [reference implementation](#) is now produced by The PHP Group.^[9] PHP originally stood for *Personal Home Page*,^[8] but it now stands for the [recursive initialism](#) *PHP: Hypertext Preprocessor*.^[10]

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. Various [web template systems](#), web [content management systems](#), and [web frameworks](#) exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside the web context, such as standalone [graphical applications](#)^[11] and [robotic drone](#) control.^[12] PHP code can also be directly executed from the [command line](#).

➤ **Open Source :-**

PHP is freely available for use.

➤ **Cross-Platform :-**

PHP provides high compatibility with leading operating system and web-Servers Such as thereby enabling it to be easily deployed across, several different platforms.

➤ **Power :-**

Several web tasks can now be easily performing using PHP.

➤ **User Friendly:-**

Designed in a user friendly manner. PHP gives more flexibility than C, C++ and ASP and Overall helps in increasing traffic to the site.

Project Definition & Study of Tool:-

Patel travels Pvt. Ltd. Is integrated online ticket booking web-site that handles transaction reports? It works well in single-user mode.

Patel travels Pvt. Ltd. It just automates the existing entry system resulting in much faster speed, minimization of the possibility of errors and instant retrieval of information.

Further, the option to classify the report group heads and items gives more flexibility to organize your, to keep track of the out-standing and to exercise a better control over individual transactions.

Requirement Analysis:-

The requirements gathering process makes stronger and focused specifically on Business activities understanding requirement, an analyst can have clear idea about the natureof the software including function behavior, performance and interface requirements for theSystem recorded and evacuated with the user.

System Design:-

- Software design shows following four distinct components of a program.
- Data base design
- Software architecture
- Interface design
- Algorithm

The process converts requirements into a symbolic representation of the Software that can be used for static testing before coding like requirement the design is documented andturns out to be part of the software configuration.

Implementation & Coding:-

The design must be converted into a machine, program the code generationStep dose this task. If design is performed in a correctly code generation can be done speedy andwith more efficiency.

Testing:-

Once code developed program testing can be started. The testing process covered by static and dynamic way. It also covers structure and functional testing. For quality testing also covers non-functional requirements.

Deployment of System:-

Once the functional and non-functional testing is done the product deployed In the customer environment or released in to the market.

Maintenance:-

There are some issues which come up in the client environment to fix those Issues patches are released maintenance is done to deliver these changes in the customer Environment.

Project Scheduling:-

Project scheduling is corned with the techniques that can be employed to Manage the activities that need to be undertaken during the development of a project.

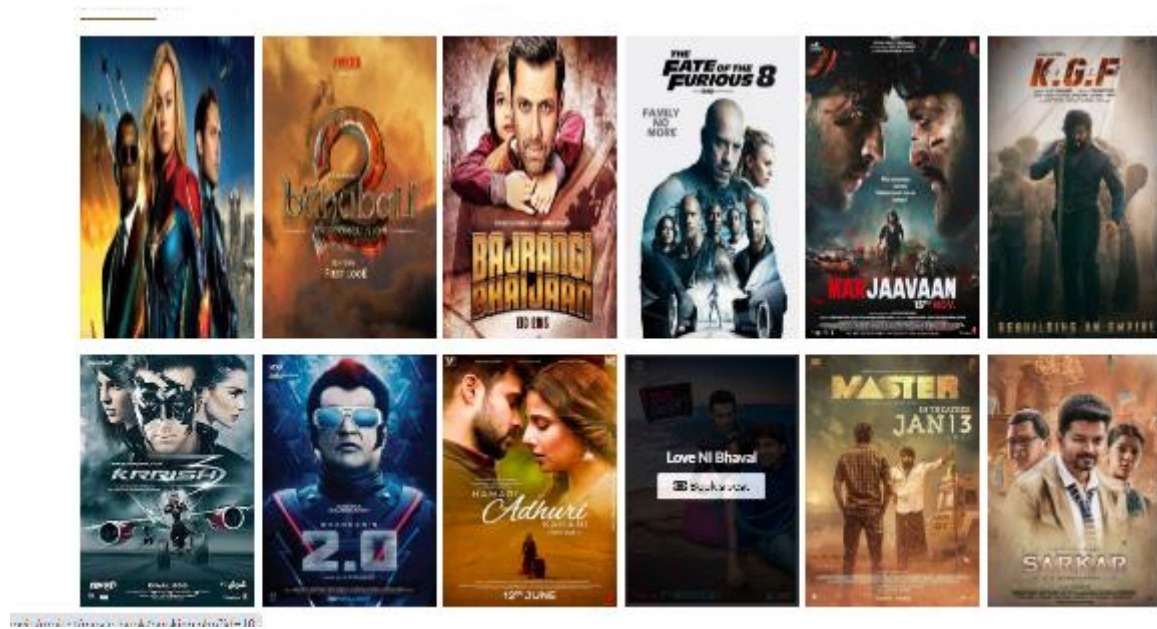
Movie Ticket Booking System

No	Activity	Starting Date	Completion Date
1	Requirement Analysis	15 Jun	29 Jun
2	System Analysis	30 Jun	10 Jul
3	Project Planning & Scheduling	11 Jul	20 Jul
4	System Design & Form Design	21 Jul	10 Aug
5	Coding & Implementation	11 Aug	14 Aug
6	Testing	15 Aug	30 Aug
7	Documentation	31 Aug	23 Sep

Webapp Homepage



Webapp Homepage



Webapp Bookingpage

RESERVE YOUR TICKET



FF8

GENRE: Comedy
DURATION: 100
RELEASE DATE: 2019-01-25
DIRECTOR: Ayman Ullah
ACTORS: Karim Abdel Aziz, Urvashi Adhikari, Magdi El Kholi, Marwan Fatous, Sherry Fawaz, Mostafa El Toray

<input type="text" value="First Name"/>	<input type="text" value="Last Name"/>	<input type="text" value="Phone Number"/>	<input type="text" value="Email"/>
<input type="button" value="Book"/>		<input type="button" value="Book"/>	

Webapp Payement page

Proceed for Payment

S.No	Label	Value
1	ORDER_ID::*	ARVR73748986
2	Name	pinal patel
3	Website ::*	ARVRcinemas
4	THEATRE ::*	main-hall
5	TYPE ::*	2d
6	txnAmount*	<input type="text" value="200"/>
		<input type="button" value="Pay Now!"/>

* - Mandatory Fields

Webapp Homepage

How it works

3 Simple steps to book your favourite movie!



1. Choose your favourite movie



2. Pay for your tickets



3. Pick your seats & Enjoy watching

Explore new movies

Now showing

Webapp Homepage

Explore new movies

Now showing



Webapp Homepage



Webapp Homepage



Webapp Schedule page

monday

tuesday

wednesday

thursday

friday

saturday

sunday

SHOW

SCHEDULE IN CINEMA

Captain Marvel And Bahubali 2

🕒 125m

📺 IMAX

SYNOPSIS

Ethan and team take on their most impossible mission yet, eradicating the Syndicate, an international rogue organization.

DETAILS

Private Hall

🕒

09:00 AM

1:00 PM

06:00 PM

VIP Hall

🕒

09:00 AM

1:00 PM

06:00 PM

Main Hall

🕒

09:00 AM

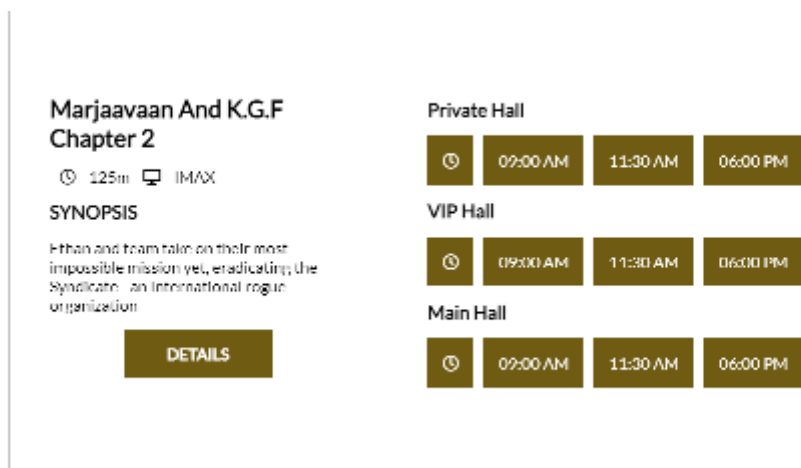
1:00 AM

06:00 PM

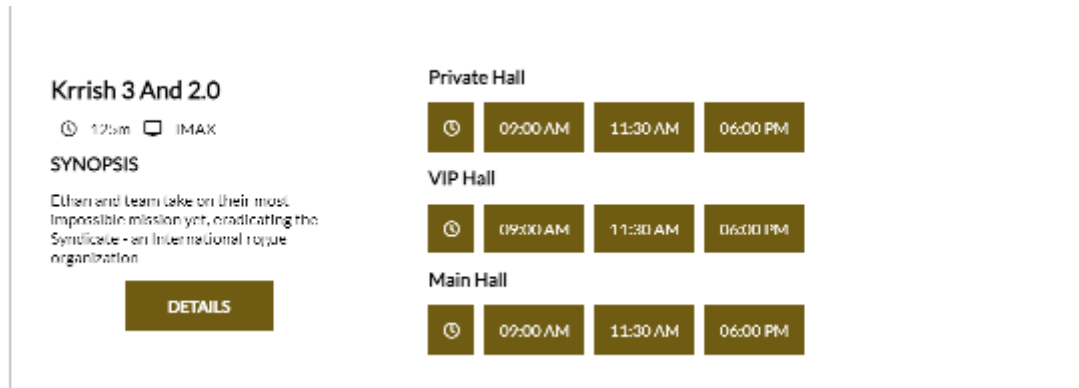
Developd by:Pinal Vasoya

Webapp Schedule page

Webapp Schedule page





Webapp Schedule page



Webapp Schedule page

Hamari Adhuri Kahani And Love Ni Bhavai

 125m


 IMAX

SYNOPSIS

Chien and team take on their most impossible mission yet, coordinating the Syndicate - an international rogue organization

DETAILS

Private Hall




09:00 AM

11:30 AM

06:00 PM

VIP Hall




09:00 AM

11:30 AM

06:00 PM

Main Hall



09:00 AM

11:30 AM

06:00 PM

Webapp Schedule page

Master And Sarkar

125m

IMAX

SYNOPSIS

Ethan and team take on their most impossible mission yet, eradicating the Syndicate – an international rogue organization

DETAILS

Private Hall

09:00 AM

11:30 AM

06:00 PM

VIP Hall

09:00 AM

11:30 AM

06:00 PM

Main Hall

09:00 AM

11:30 AM

06:00 PM

Webapp Contact page

Contact

Feel Free to Contact Us

First Name

Last Name

E-mail Address

Enter your message !

Send your Message

Address & Info

Phone Numbers

+91 9998887656
+2 8889997656

Address

2nd Floor Reliance Mall 100 Feet Ring Road Circle, Near Nana Mauva , Rajkot ,Gujrat - 360002

E-mail

cinemareservation@gmail.com

Movie Ticket Booking System

Map



Developd by:Pinal Vasoya

CONCLUSION

In our project movie ticket booking system we have stored all information about the movies schedules and the users booking tickets and also status of availability of seats in particular theatre, movie, class type etc. This system will be helpful for the users want to book a movie tickets in an easiest available way also get information about the recent releases of the movies also get some small information about film. We have considered the most important requirements only for now, many more features and details can be added to our project in order to obtain even more user friendly applications. These applications are already in progress and in future they can be upgraded and may become part of amazing technology.

Reference book:-

- Bharat publication PHP

Website:-

www.w3school.com

Movie Ticket Booking System