

A Mini Project Synopsis on Online Movie Ticket Booking System

S.E.- I.T Engineering

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CERTIFICATE

This to certify that the Mini Project report on **Online Movie Ticket Booking System** has been submitted by **Shivam Gupta (20104110)**, **Yashab Mahimi (20104026)**, **Rupesh Mishra (20104100)**, and **Meet Bohra (20104057)** who are a Bonafide students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2021-2022** in the satisfactory manner as per the curriculum laid down by University of Mumbai

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Chapter 1

Introduction:

This project is aimed at developing a ticket reservation system for Cinema Halls. The ticket reservation system is an internet based application that can be accessed by anyone who has an internet connection. This application will automate reservation of tickets and enquiries about the availability of seats. This application includes E- mail confirmation for tickets. It also has a in built transaction gateway which gives customers hassle free payment experience, as earlier the customer had to stand in a queue to get his/her movie ticket's as well as make payments to solve this problem we thought of making this movie ticketing system. The customer will also receive-mail of his/her ticket's as well as receipts. We also reward people by giving certain rewards may it be cash-backs or some hampers which will also increase our brand loyalty. We want to provide customers with a good experience and resolving our customers issues hold utmost value for us.

In case the customer wants to cancel his/her reservation he can do it by cancelling it directly from the appropriate E-mail us at our customer service ID.

1.1 Purpose:

The traditional way of booking the ticket for the movie is the customer needs to goto the specific theatre where the desired movie was playing and stand in long queue and buy the ticket which consume slot of time.To help the customer to avoid wasting time, book tickets and so look at the availability of the seats was our main purpose.

To give transparency to our customers we have an integrated payment gateway, thus providing our customers with hassle-free service. Customer can email us their issues which will be solved by us as soon as possible thus giving up most satisfaction to our customers. If people wish to cancel the booking same can be done by our system as early customers couldn't do this. If a customer is having any doubt regarding anything they can email us that will be solved by our team. Customer can use his/her bank details google pay, Paytm and other transaction apps according to their convenience which provides hassle free transactions experience to our customers.

Objectives:

- The main objective of the Project on Online movie ticket's booking system is to manage the details of customer. Provide them the list of theatres where the movie is playing.
- It manages all the information about Theatre's, Transaction details and Seats availability.
- The project is totally built at administrative end and thus only the administrator is guaranteed the access.
- The purpose of the project is to build an application program to reduce the manual work for managing the seats, transactions, now-playing movies.
- It tracks all the details about the customer's login details, transaction details and grievances.
- Manage the information of booking.
- Manage the information seats
- Integrations of all records of shows.
- Editing, adding and updating of records is improved which results in proper resource management of seats data.
- Saving information about customer i.e. name, preferred location etc., so need to add the information again-again

Scope:

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know public and critics reviews. It also helps in current all works relative to online movie ticket's booking system. It will reduce the cost of cash handling as everything is digitalized and collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of Movie Ticketing

- To save customer's valuable time.
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on the irrespective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.
- It satisfies the user requirement.
- Be easy to understand by the user and operator
- Be easy to operate
- Have a good user interface
- Be expandable
- Giving customers certain rewards thus increasing loyalty of customers towards us.
- Customers can make transactions online via their bank or any other UPI app
- To assist and help customers to help them solve their issues/doubts.
- To give them complete information regarding the movie i.e. locations' time etc.

Chapter 2:

Problem Definition:

The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy.

There cords were never used to be in a systematic order. There used to be lots of difficulties in associating any particular transaction with a particular context. There would always be unnecessary consumption of time.

There as on behind it is that there is lot of information to be maintained and have to be kept in mind while running the business .For this reason we have provided features Present system is partially automated (computerized), actually existing system is quite laborious. Thus giving customers and the theatre administrator's value for their time

Chapter 3:

Proposed System

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of Data

We understand the word of data security hence we have made it in a way that the customer data will be safe from unauthorized access and corruption is prohibited.

- Ensure Data Accuracy

To ensure data accuracy we have made it fully password protected which can only be accessed by the respected user no one can else see the data of other customers.

- Proper Control of Higher Officials

As we know customer get frustrated if he had to stuck somewhere while doing online shopping. Especially while doing the payment hence we have make sure that he doesn't have to face the issues.

- Minimize Manual Data Entry

In this ongoing generation everything is fast and people want their task should be done within a minute. But if they have to fill the same details everywhere they just get fed up of it and even may leave the page so we have minimize the data entry everywhere and make it customer friendly.

- Greater Efficiency

As we know increase in technology has made various options for customer they will only opt for where they find great efficiency and easy tasking.

- Minimum time needed for the various processing

As people want everything within a second and as fast as possible making them wait for

the long time make them least interested on the selected things so we have made it fast.

3.2 Features and Functionality:

Modules:

Transaction Module: Used for managing the details of Transaction's made by the customer.

- Record Module: Used for managing the details of Record.
- Management Module: Used for managing the information and details of the Upcoming
/running movies.
- Seats Module: Used for managing the Seats info.
- Login Module: Used for managing the login detail
- Users Module: Used for managing the users.

Input Data and Validation for Movie ticketing:

All the fields such as First-name, Last-name, Username and E-mail are validated and does not take invalid values.

- Username, E-mail id, No of seats to be booked cannot accept blank value field
- Avoiding errors in data
- Controlling amount of input
- Integration of all the modules
- Recording of all the reproduced errors.
- Prepared the test result scripts after rectification the errors.
- Functionality of the entire module.
- Validations for user input.
- Checking of the Coding standards to be maintained during coding
- Testing the module with all the possible test data.
- Testing of the functionality involving all type of calculations etc.
- Commenting standard in the source files.

Chapter 4

Project Outcome:

- Administrator has to login to access the system.
- He can add, update or delete details of customers.
- He can search for customers on the basis of their username or E-mail id.
- He can keep an update on available seats and can increase or decrease when ever needed.
- Provides the searching facilities based on various factors. Such as Movie name, Actor name, Director Name, Production unit.
- The movie ticketing System also manage the Record details online for availability of seats, Login id details, Transaction details.
- It track all the information of transaction of customers, seats availability, Username etc.
- Manage the information and location of customer.
- Shows the information and description of the upcoming and running movies.
- To increase efficiency of managing.
- It deals with monitoring the information and transactions of transaction.
- Editing, adding and updating of Records is improved which results in proper resource management.

Chapter 5

Software Requirements:

Front End: Python (Tkinter)

Back End: MySQL

Chapter 6

Project Design:

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the client's requirements into a logically working system. Normally, design is performed in the following two steps:

1. Primary Design Phase:

In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasizing put on minimizing the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

2. Secondary Design Phase:

In the secondary phase the detailed design of every block is performed.

The general tasks involved in the design process are the following:

- 1.** Design various blocks for over all system processes.
- 2.** Design smaller, compact and work able modules in each block.
- 3.** Design various database structures.
- 4.** Specify details of programs to achieve desired functionality.
- 5.** Design the form of inputs, and outputs of the system.
- 6.** Perform documentation of the design.
- 7.** System reviews.

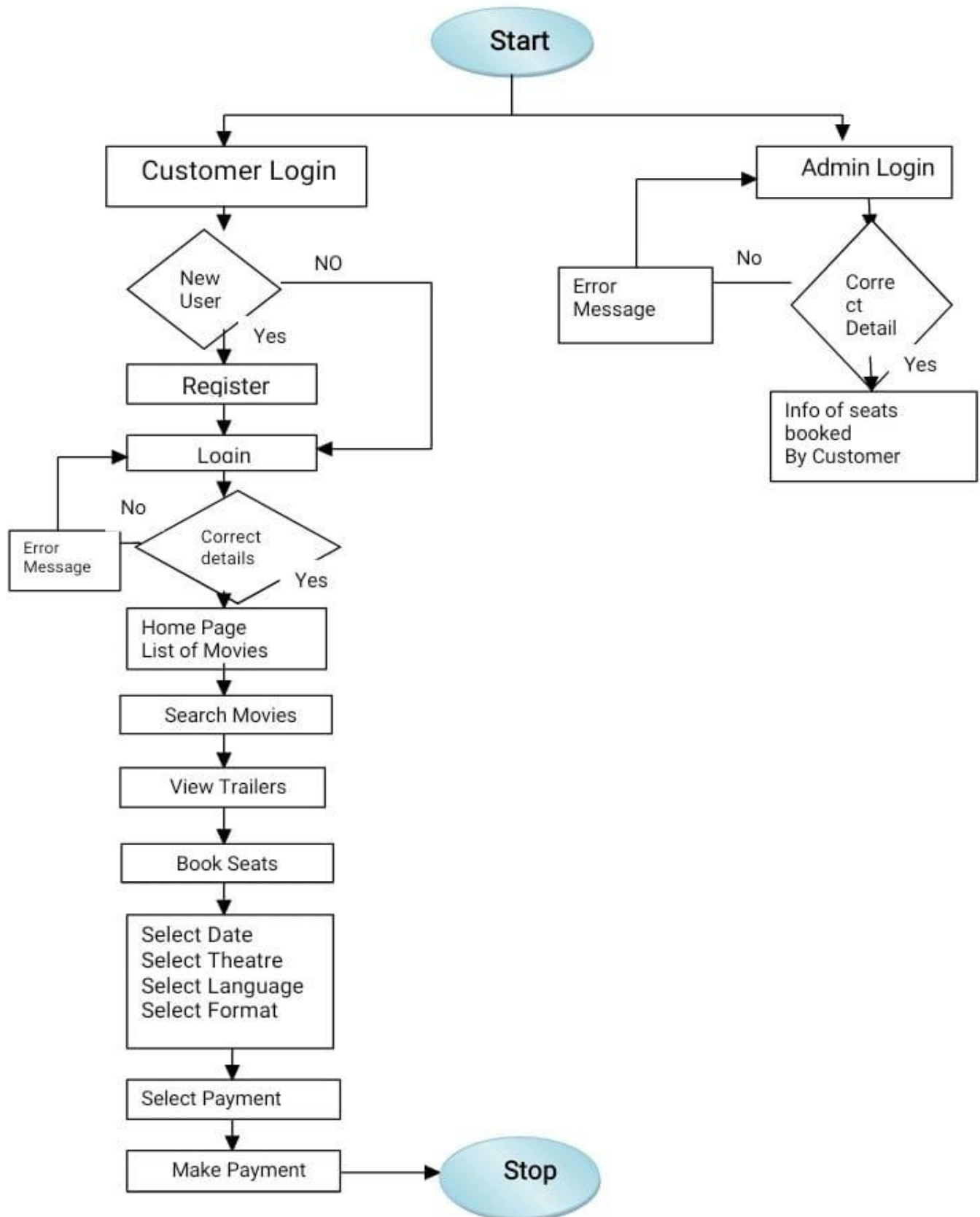
User Interface Design

User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventual presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.

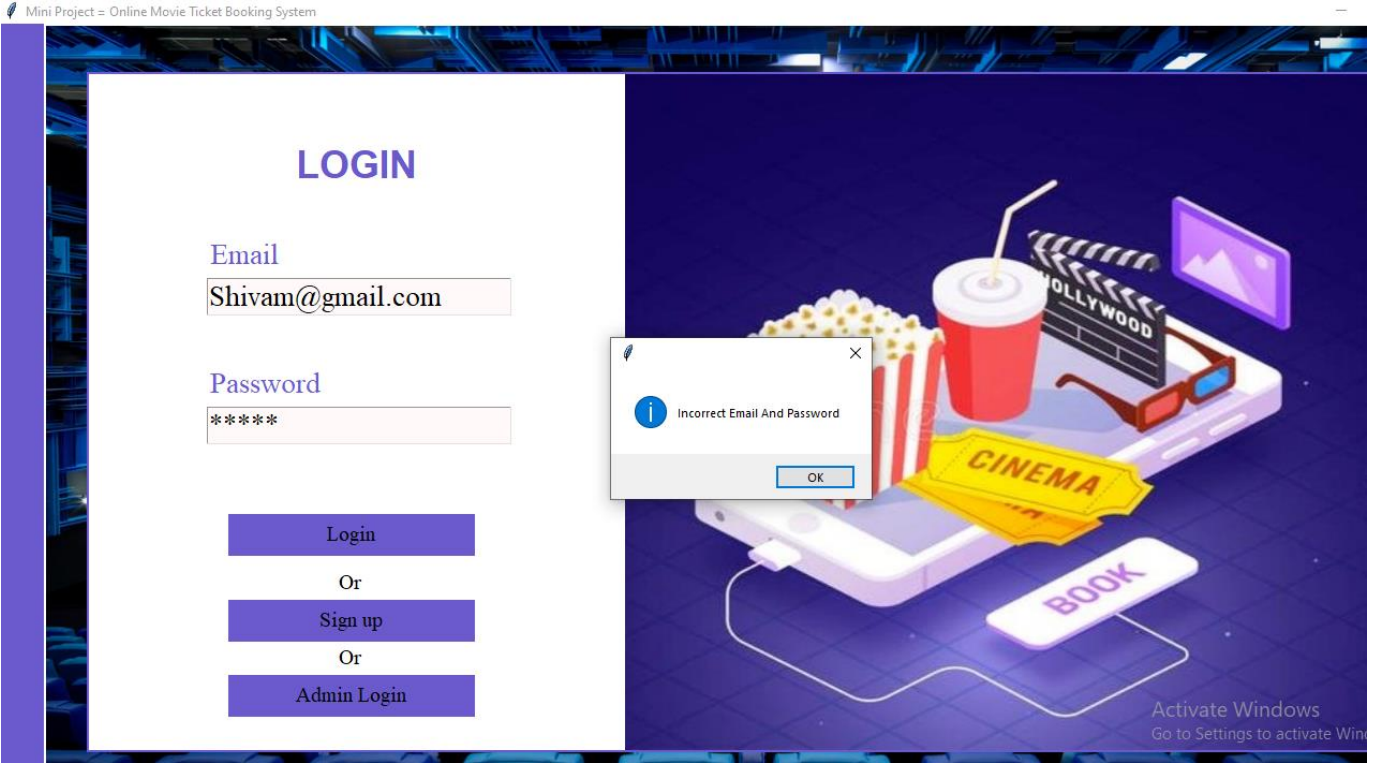
The following steps are various guidelines for User Interface Design:

1. The system user should always be aware of what to do next.
2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.
3. Message, instructions or information should be displayed long enough to allow the system user to read them.
4. Use display attributes sparingly.
5. Default values for fields and answers to be entered by the user should be specified.
6. A user should not be allowed to proceed without correcting an error.
7. The system user should never get an operating system message or fatal error.

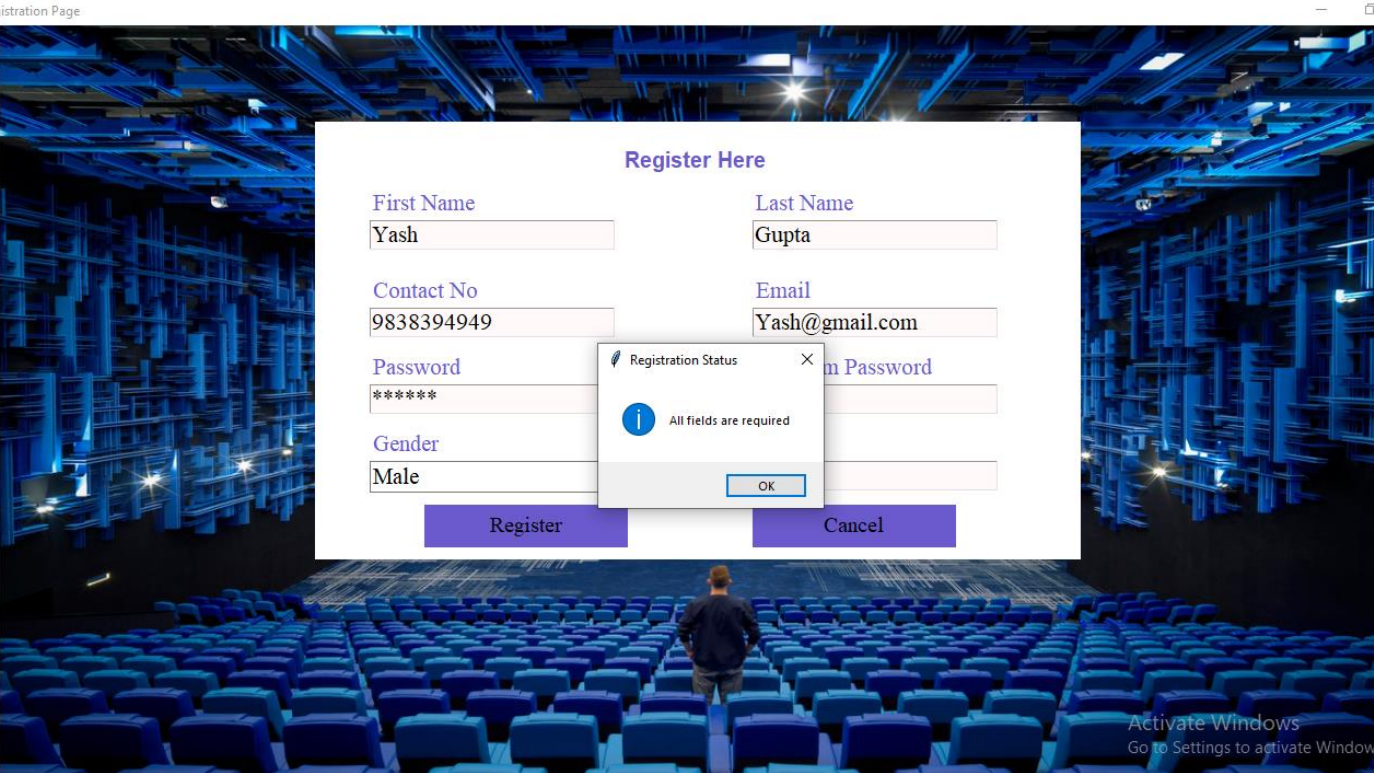
Project Design:



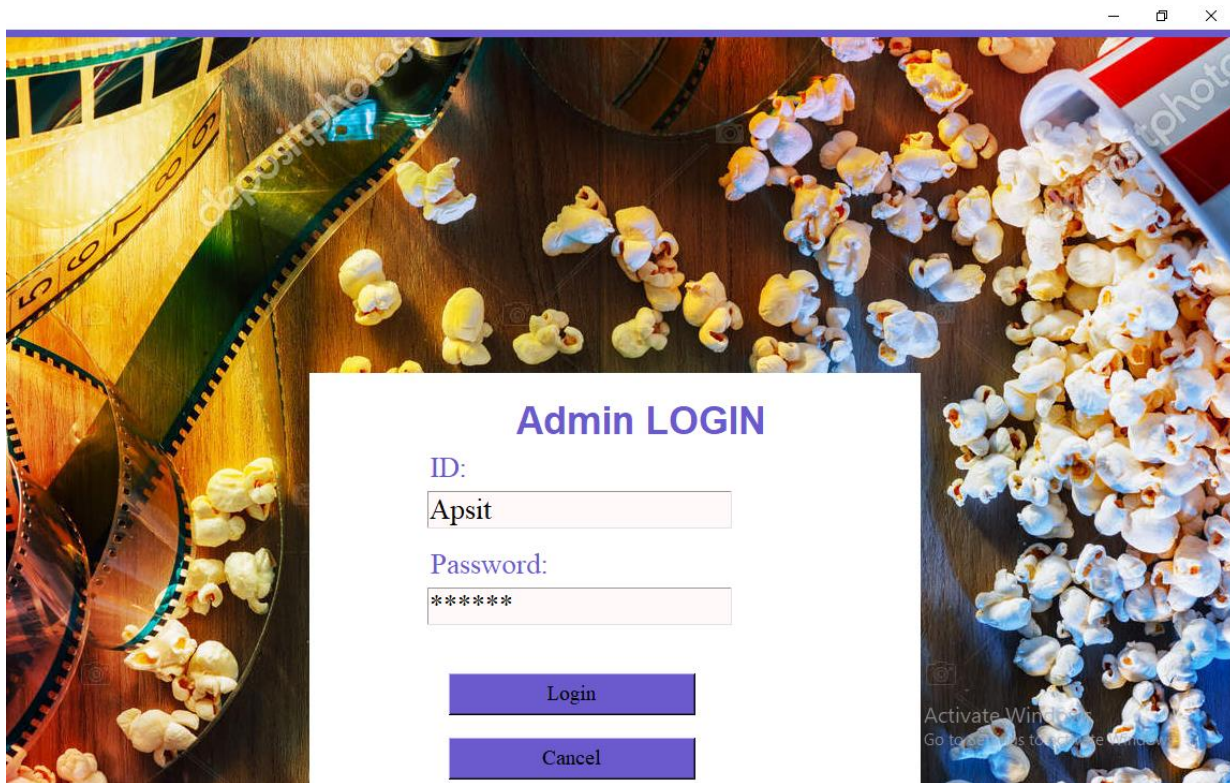
LOGINPAGE:



REGISTRATION PAGE:



ADMIN LOGIN:

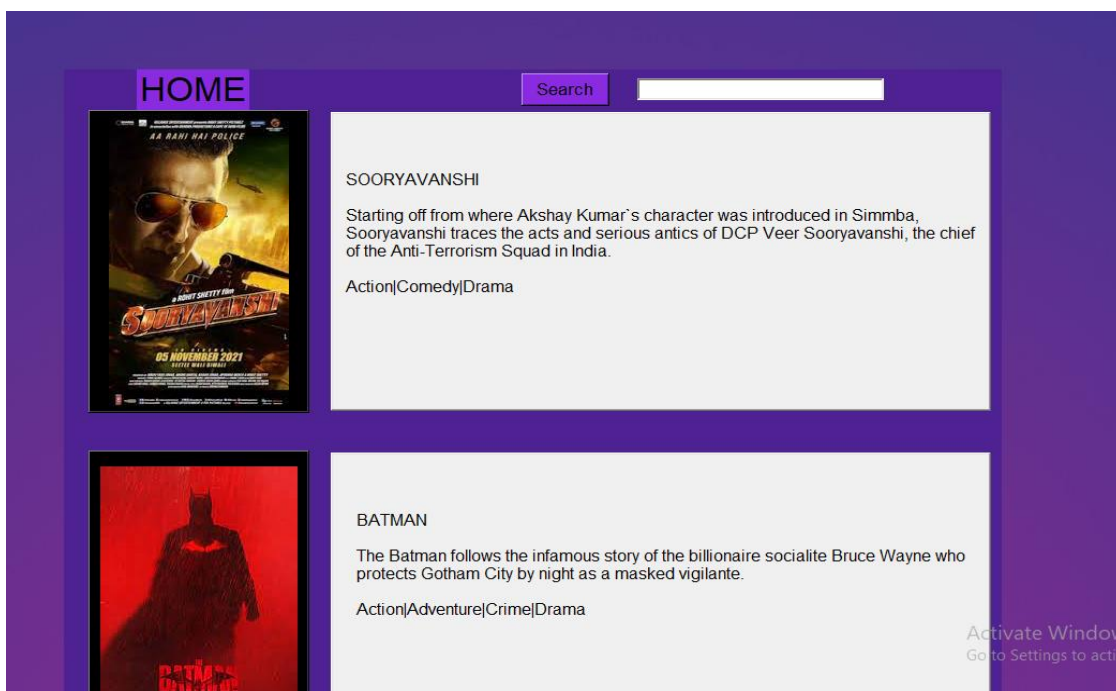


Admin LOGIN


ID:

Password:

Home Page:




HOME



SOORYAVANSHI

Starting off from where Akshay Kumar's character was introduced in Simmba, Sooryavanshi traces the acts and serious antics of DCP Veer Sooryavanshi, the chief of the Anti-Terrorism Squad in India.

Action|Comedy|Drama



BATMAN

The Batman follows the infamous story of the billionaire socialite Bruce Wayne who protects Gotham City by night as a masked vigilante.


Action|Adventure|Crime|Drama

Activate Windows
Go to Settings to activate Windows.

Search Page:

[Back](#)

Search Results....




AA RANI HAI POLICE
A BOMBS SURETY FILM
SOORYAVANSHI
05 NOVEMBER 2021
BUTTER BREAD BOMBAY

SOORYAVANSHI

Starting off from where Akshay Kumar's character was introduced in Simmba, Sooryavanshi traces the acts and serious antics of DCP Veer Sooryavanshi, the chief of the Anti-Terrorism Squad in India.

Action|Comedy|Drama



Sanak
MULTIPLES

SANAK


Sanak is a Hindi movie starring Vidyut Jammwal in prominent role. It is an action thriller directed by Kanishk Varma.

Action|Thriller

Activate Windows
Go to Settings to activate Windows.

Trailer Page:

[Back](#)



LIKEWAP

Sooryavanshi

Starting off from where Akshay Kumar's character was introduced in Simmba, Sooryavanshi traces the acts and serious antics of DCP Veer Sooryavanshi, the chief of the Anti-Terrorism Squad in India.

Action|Comedy|Drama

Activate Windows
Go to Settings to activate Windows.

[Book](#)

Seat Page:

SCREEN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

No. of Seats booked: 4

Seats Selected: r7c9, r7c10, r7c11, r7c12,

Vacant

Selected

Reserved

Price (In Rupees): 720

Book Now

Enter the nearest theatre: Carnival Cinema

Preferred Language: Hindi

Select Date:

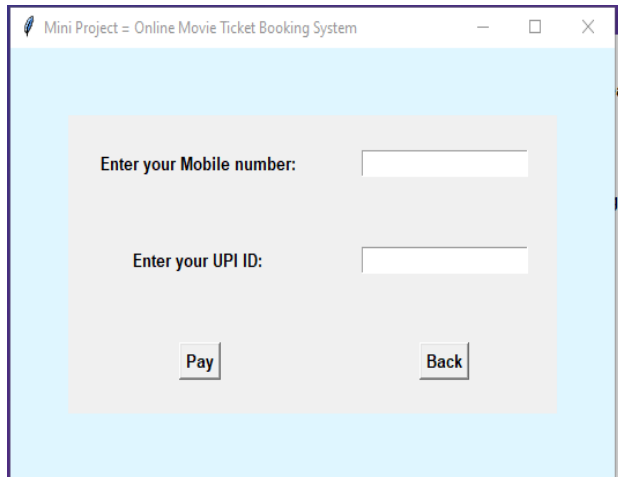
	April		2022				
	Mon	Tue	Wed	Thu	Fri	Sat	Sun
13	28	29	30	31	1	2	3
14	4	5	6	7	8	9	10
15	11	12	13	14	15	16	17
16	18	19	20	21	22	23	24
17	25	26	27	28	29	30	1
18	2	3	4	5	6	7	8

Card

Google Pay

Payment

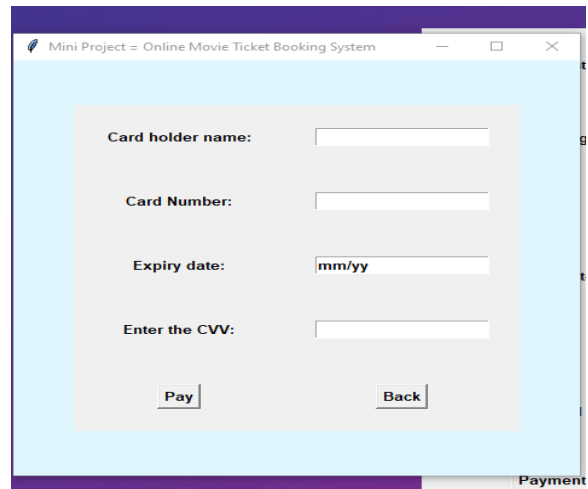
Booking Options:



Mini Project = Online Movie Ticket Booking System

Enter your Mobile number:

Enter your UPI ID:



Mini Project = Online Movie Ticket Booking System

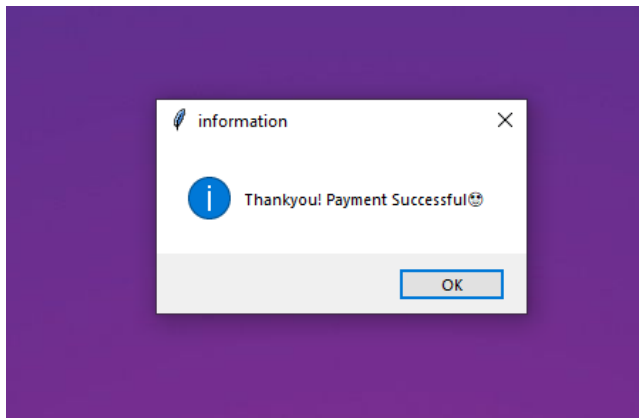
Card holder name:

Card Number:

Expiry date:

Enter the CVV:

Payment:



Project Scheduling Template

Sr. No	Group Member	Time duration	Work to be done
<u>1</u>	Yashab Mahimi	2nd week of February	Implementing Homepage, Description Page, Seats Page, Connecting Pages, Debugging, compilation and running of code and solving errors if any.
2	Meet Bohra	4th week of February	Payment Gateway. Selection of date, theatre Page Debugging, compilation and running of code and solving error if any

<u>3</u>	Rupesh Mishra	1st week of March	Part of Login Page , Part of Registration Page and Validation of pages Debugging, Compilation and running code and solving error's if any.
<u>4</u>	Shivam Gupta	3 rd Week of March	Part of Homepage Part of Login Page and Admin page , Creating and connecting Database Debugging, compilation and running of code and solving error's if any.

Chapter 8:

Conclusion:

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

At the end it is concluded that we have made effort on following points...

- A description of the background and context of the project and its relation to work already done in the area.
 - Made statement of the aims and objectives of the project.
 - The description of Purpose, Scope, and applicability.
 - We define the problem on which we are working in the project.
 - We describe the requirement Specifications of the system and the actions that can be done on these things.
 - We understand the problem domain and produce a model of the system which describes operations that can be performed on the system.
 - We included features and operations in detail, including screen layouts.
 - We designed user interface and security issues related to system.
- Finally the system is implemented and tested according to test cases.

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