TICKET BOOKING SYSTEM

DONE BY:

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Need of a Ticket Booking System

- Without an online ticket booking system, you have to manually adjust your resources to accommodate for the change.
- Without an online booking system, you run the risk of overbooking without which can lead to limited resources to deliver.
- If someone makes a booking while you're out, you can't immediately see the booking details to prepare accordingly.
- Administratively, a payment that requires paperwork often results in getting paid late.

INTRODUCTION

- Our online movie ticket booking system is basically made for providing customers an anytime and anywhere service for booking movie tickets and providing information about the movies and their schedule online.
- Admin manages this system to insert and delete data such as movie description, movie schedule which will update the related webpage and will be accessible by customers.
- This system also reduces workload on customers as it is automatic.
- The system also provides complete information of the movie and schedule to the customer, according to which he can book the tickets.

Data Model Diagram

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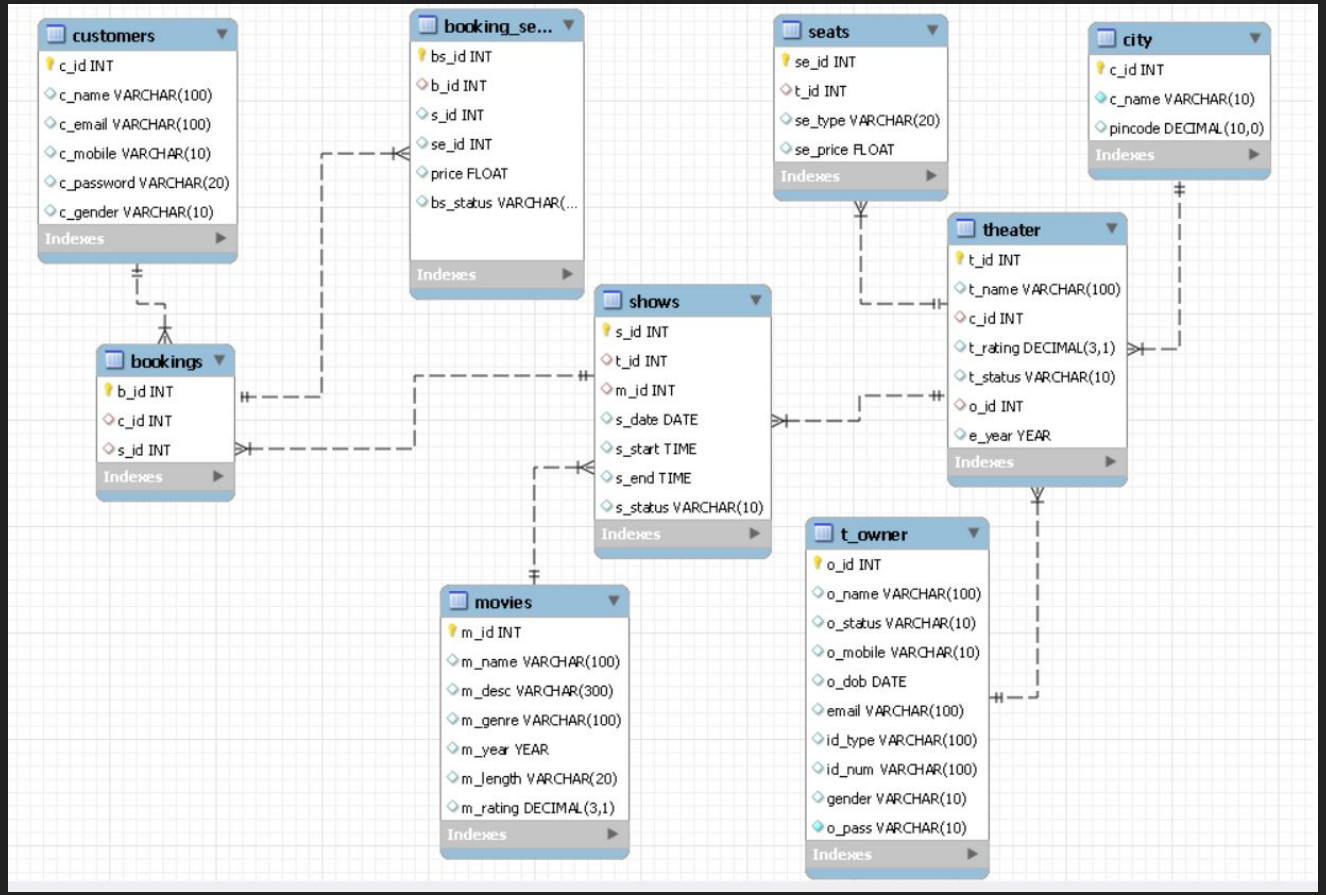
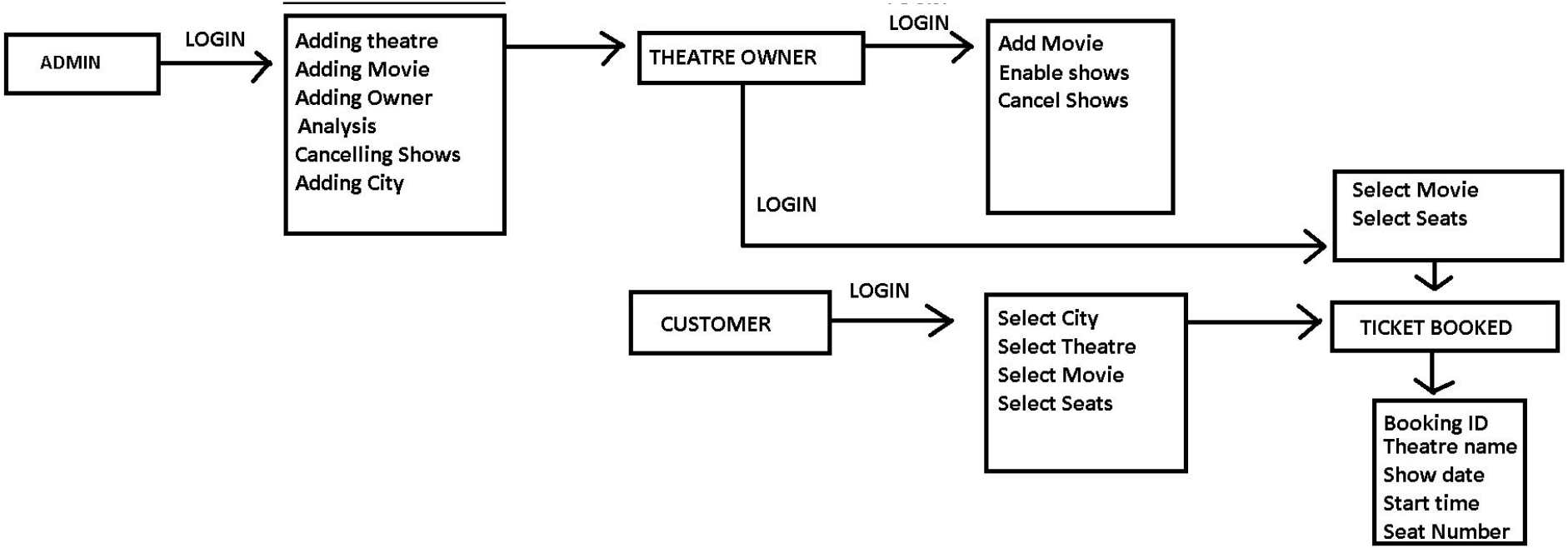


DATA FLOW DIAGRAM



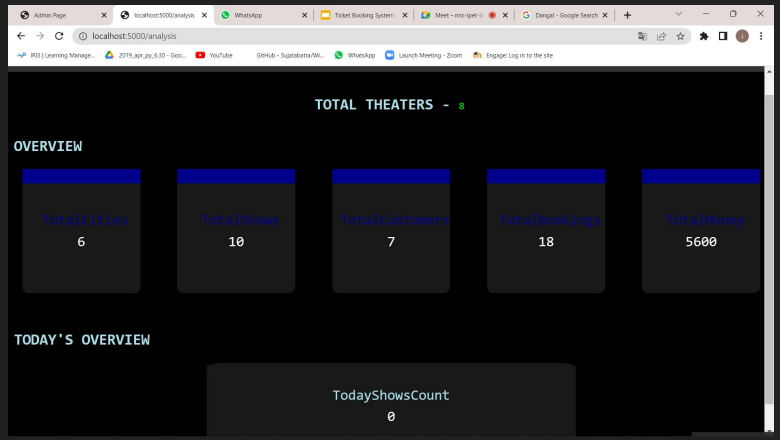
Theater Owner

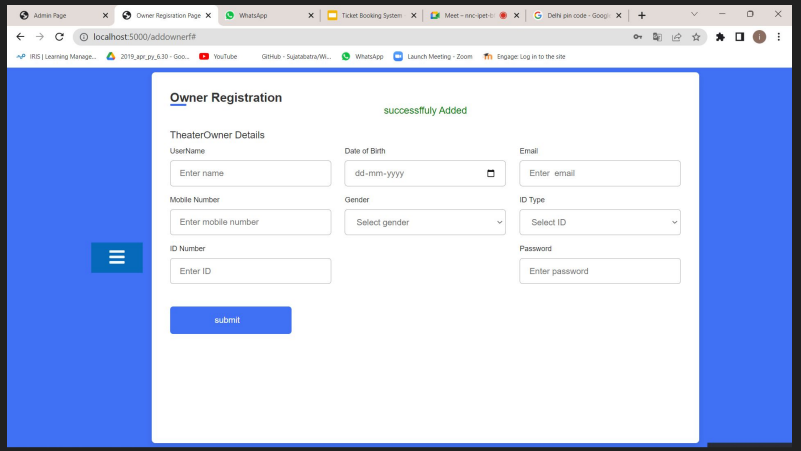
Some functions and capabilities of the theater owner include:

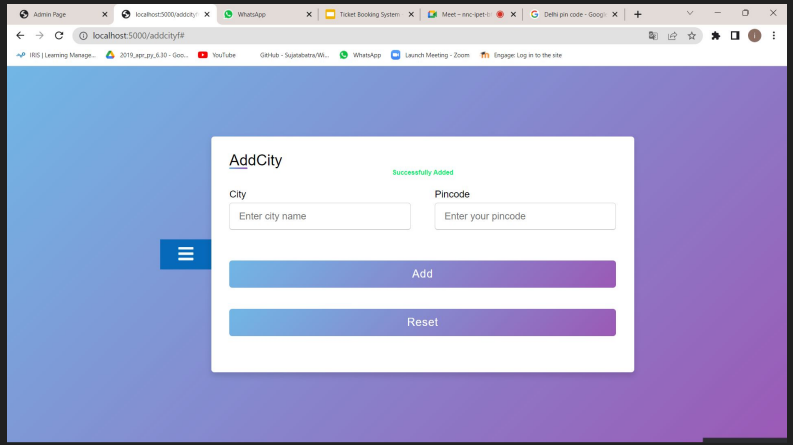
- Add Movie
- Add Shows
- Enable Shows
- Cancel Shows
- View Bookings

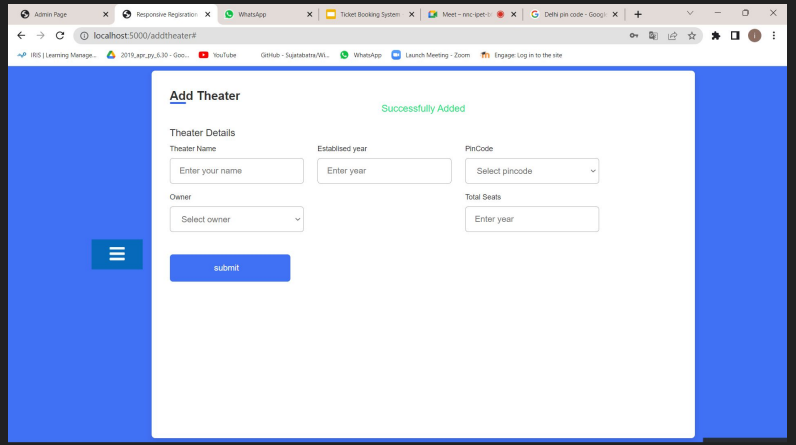
Using these given tools and techniques the theater owner can modify the functioning of how a theater in a particular city operates.

ADMIN

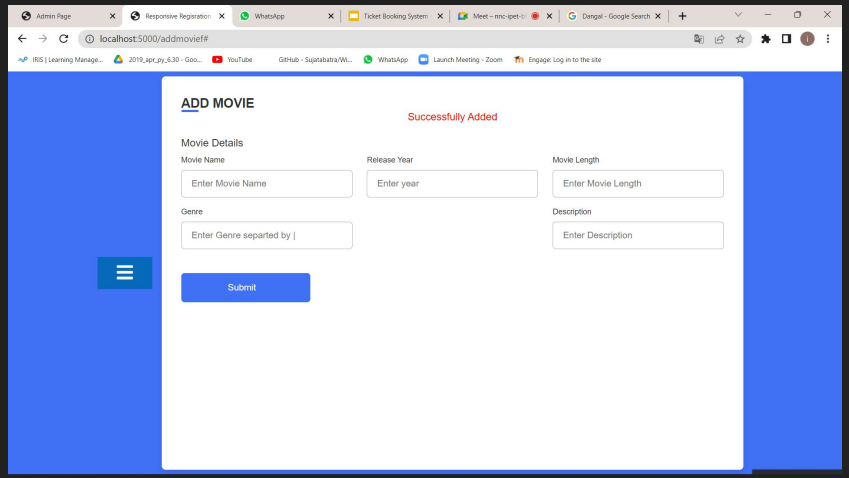

localhost:5000/analysis
TOTAL THEATERS - 8
OVERVIEW
TotalCities
6
TotalShows
10
TotalCustomers
7
TotalBookings
18
TotalMoney
5600
TODAY'S OVERVIEW
TodayShowsCount
0

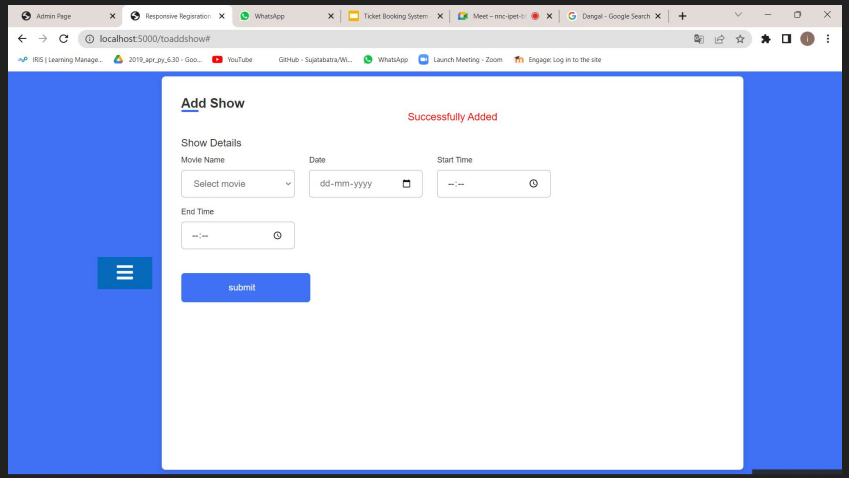

localhost:5000/addownerf#
Owner Registration
successfuly Added
TheaterOwner Details
UserName
Enter name
Date of Birth
dd-mm-yyyy
Email
Enter email
Mobile Number
Enter mobile number
Gender
Select gender
ID Type
Select ID
ID Number
Enter ID
Password
Enter password
submit


localhost:5000/addcityf#
AddCity
Successfully Added
City
Enter city name
Pincode
Enter your pincode
Add
Reset

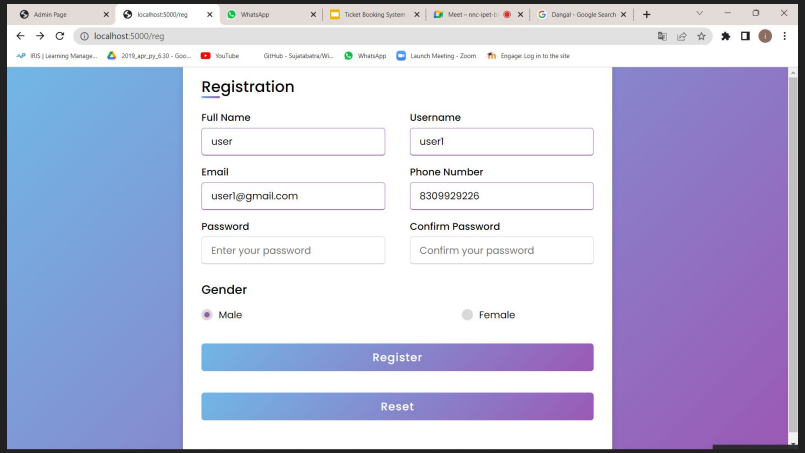

localhost:5000/addtheaterf#
Add Theater
Successfully Added
Theater Details
Theater Name
Enter your name
Established year
Enter year
PinCode
Select pincode
Owner
Select owner
Total Seats
Enter year
submit

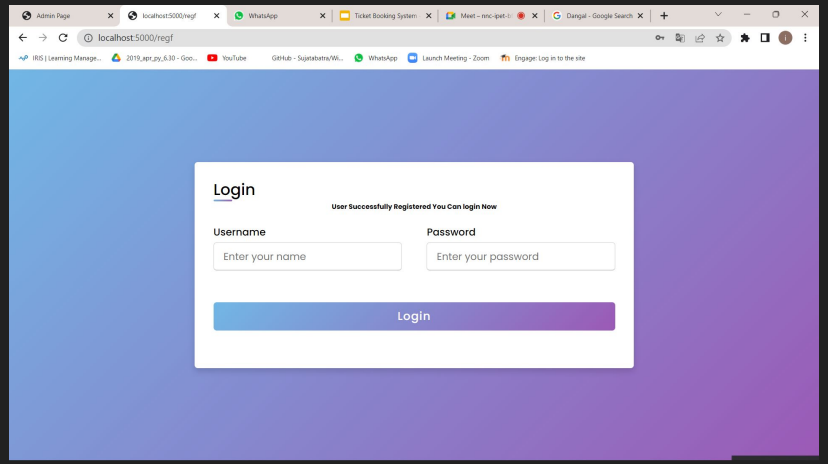
THEATRE OWNER

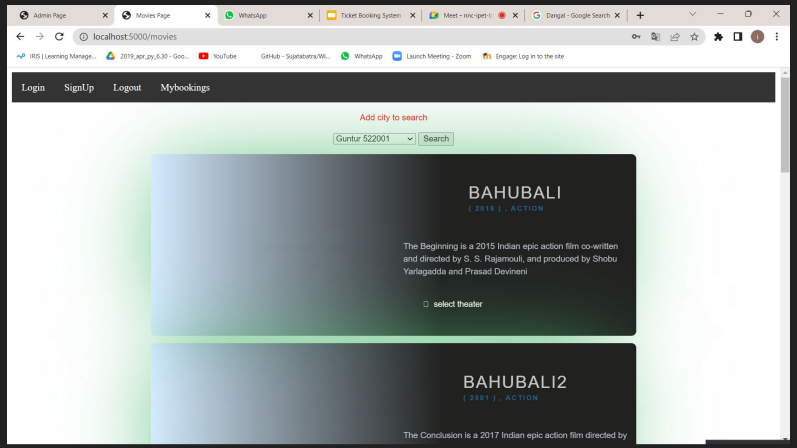


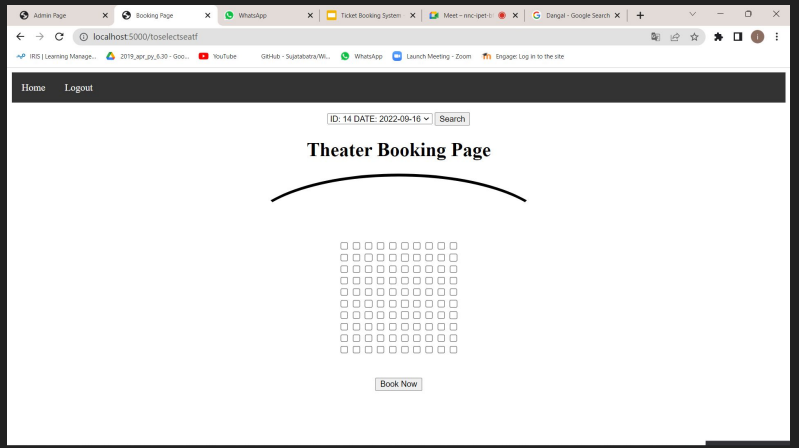


BOOKING SHOWS









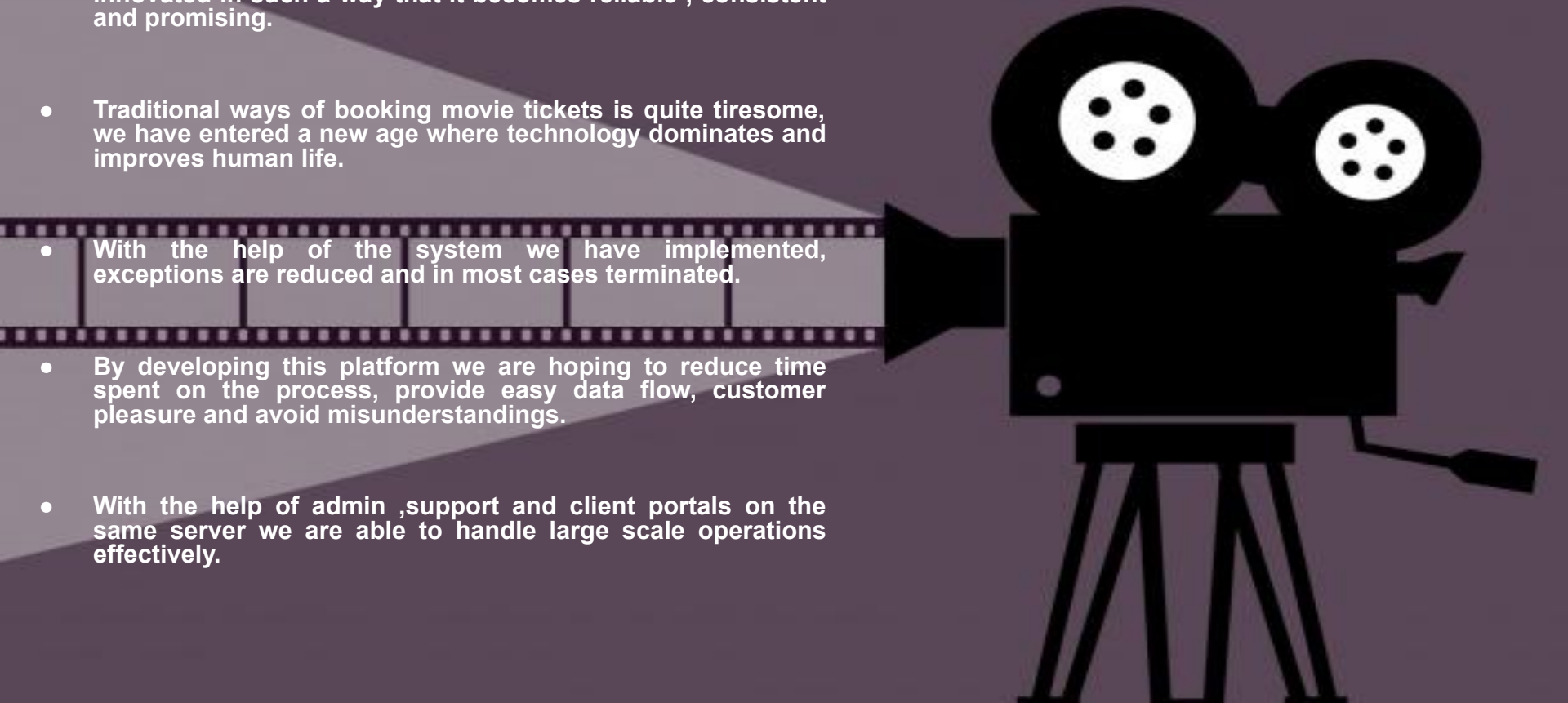
TOOLS/SOFTWARES USED

- Front End : MS Visual Studio Code

  Web development using flask API of python
- Back End : MySQL

OUTCOME

- The entertainment sector needs to be modernised and innovated in such a way that it becomes reliable , consistent and promising.
- Traditional ways of booking movie tickets is quite tiresome, we have entered a new age where technology dominates and improves human life.
- With the help of the system we have implemented, exceptions are reduced and in most cases terminated.
- By developing this platform we are hoping to reduce time spent on the process, provide easy data flow, customer pleasure and avoid misunderstandings.
- With the help of admin ,support and client portals on the same server we are able to handle large scale operations effectively.



Learnings

Live Demo of Project

1) Irfan
2) Sricharan