MOVIE TICKET BOOKING SYSTEM

A

Mini Project Report

Submitted in partial fulfilment of the

Requirements for the award of the Degree of

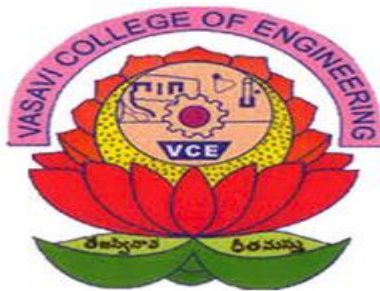BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

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1602-19-733-126

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2021

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DECLARATION BY THE CANDIDATE

I, **AKASH S VORA,** bearing hall ticket number, **1602-19-733-126**, hereby declare that the project report entitled **"MOVIE TICKET BOOKING SYSTEM"** Department of Computer Science & Engineering, VCE, Hyderabad, is submitted in partial fulfilment of the requirement for the award of the degree of **Bachelor of Engineering** in **Computer Science & Engineering**.

This is a record of bonafide work carried out by me and the results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

AKASH S VORA,

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BONAFIDE CERTIFICATE

This is to certify that the project entitled **"MOVIE TICKET BOOKING SYSTEM"** being submitted by **AKASH S VORA,** bearing **1602-19-733-126,** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

Ms. S. Komal Kaur

Assistant Professor

Dept. of CSE

ACKNOWLEDGEMENT

With immense pleasure, we record our deep sense of gratitude to our guide Ms. S. Komal Kaur, Assistant Professor, Vasavi College of Engineering, Hyderabad, for the valuable guidance and suggestions, keen interest and thorough encouragement extended throughout the period of the project work. I consider myself lucky enough to be part of this project. This project would add as an asset to my academic profile.

We express our thanks to all those who contributed for the successful completion of our project work.

ABSTRACT

Entertainment industry has been picking up pace in recent times. Earlier, people had to wait in long queues to book movie tickets, but due to advancement in technology, booking tickets online has an upper hand since you can reserve tickets with just a few clicks!

Our project provides users with a simple interface to book movie tickets with ease. The user will be able to book tickets at any available time slot depending on the availability of seats, view all his previous bookings, and will also be able to cancel any of his previous bookings etc.,

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Page No.

INTRODUCTION

This project has been developed to override the problems faced by users in booking the tickets manually. Here, a user can book movie tickets with ease without having to go to the theatres to reserve seats. The website is made as convenient as possible as the user just has to register himself with the platform by entering some basic details like name, email, gender, age and phone number. It also provides an error message if the user enters invalid data. After successful registration, the user will get a confirmation mail to his/her registered email Id. After signing up, he/she is all set to book seats to watch his/her favorite movies. The database for this system is designed to assist in strategic planning and will help to store and retrieve user's data in a smooth and effective manner.

1.1 OVERVIEW

This project helps the users to book movie tickets online conveniently.

First, the user has to register with the website and login with his credentials. Next, he will be able to see a list of current screening movies. He can select any movie of his choice and then proceed with booking the seats for the respective show. Then, the user will be redirected to the payment page and after successful payment, the user can print the ticket for future references. Additional functionalities include viewing all his previous bookings, deleting any of his previous booking, edit his profile details including resetting the password etc.,

For an admin, functionalities include add new movie, screen a new movie, removing a movie from the screening movies list, and view all bookings by all users.

1.2 TECHNOLOGIES USED

- ❖ HTML
- ❖ CSS
- ❖ BOOTSTRAP
- ❖ JAVASCRIPT
- ❖ PHP
- ❖ MYSQL DATABASE (USING XAMPP)

.

1.3 ER DIAGRAM

CustFirstName

CustLastName

Age

(custName)

custEmail

CustId

custPass

Customer

MovieId

ShowName

ScreenNo

custId

books

seatnos

MovieId

BookingId

EntryNo

ScreenNo

ShowName

movieId

movieName

ShowName

Shows

screens

Movie

movieDuration

ShowName

screen

movieGenre

ShowTime

movieLang

ScreenNo

ScreenLoc
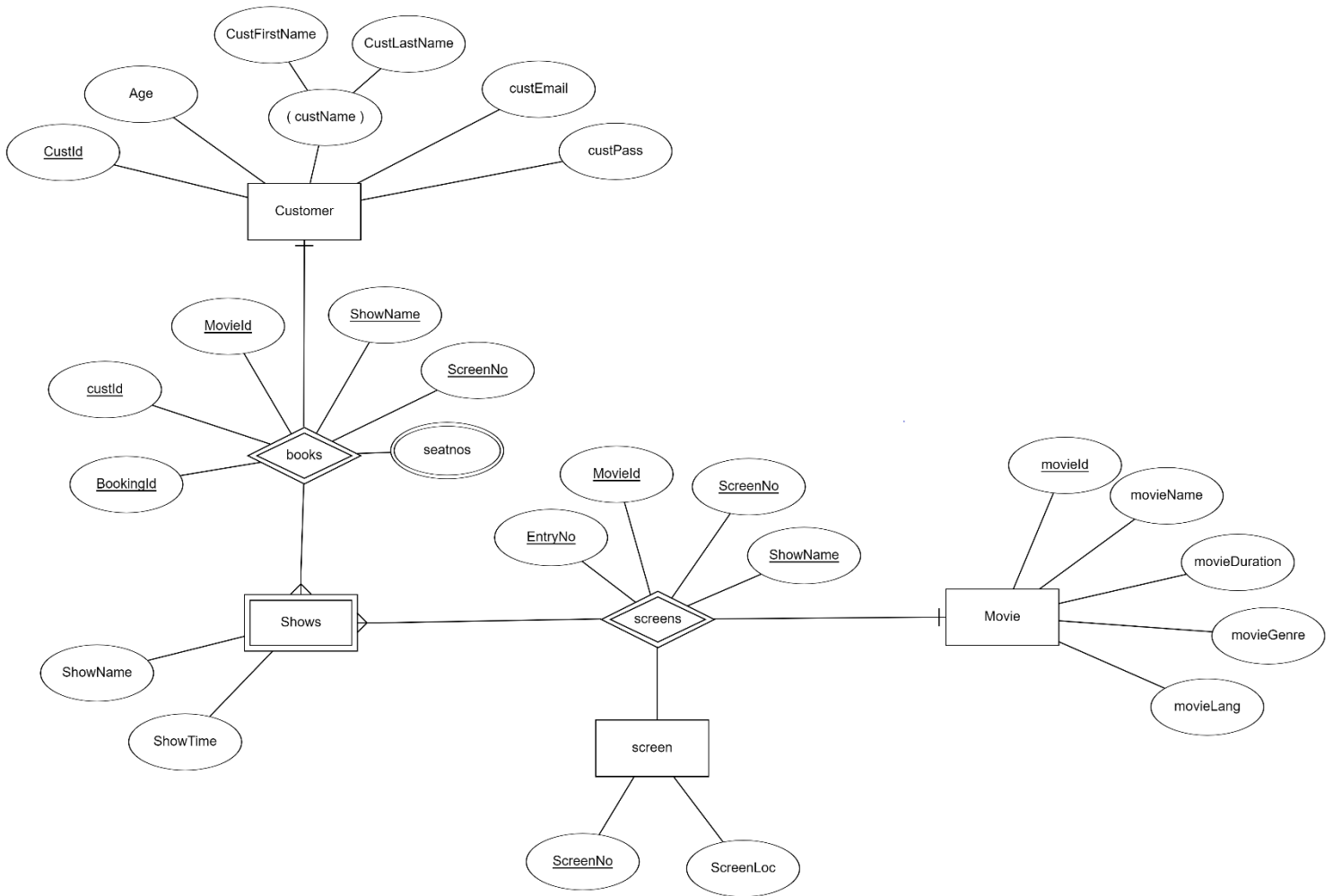
1.4 DATABASE STRUCTURE
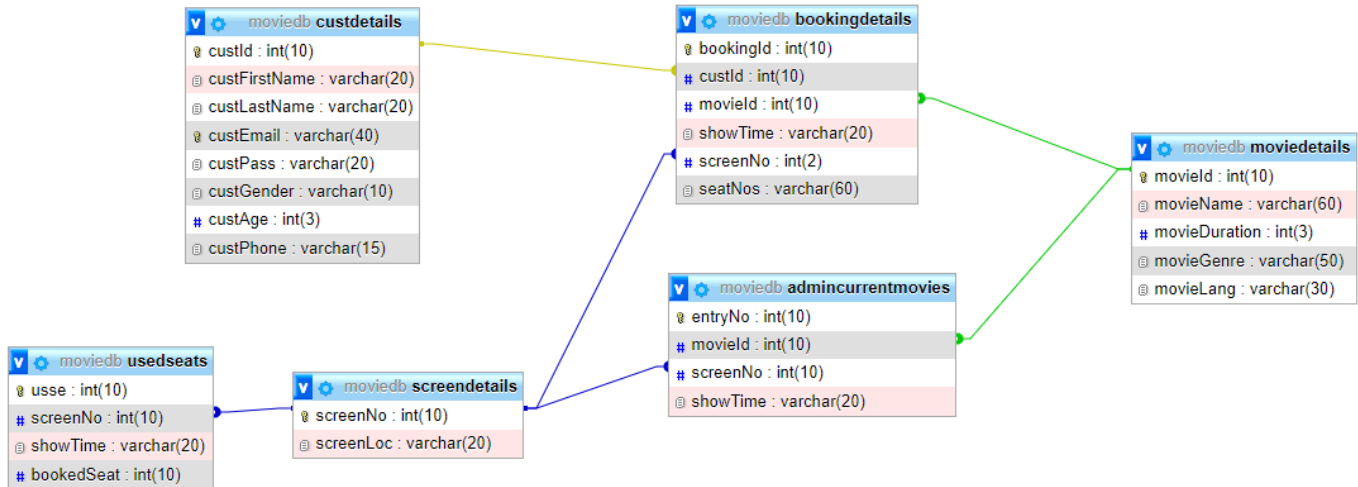
Tables Used :

1. Custdetails

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	custId 🔑	int(10)			No	None		AUTO_INCREMENT	🖉 Change	⊝ Drop	▽ More
2	custFirstName	varchar(20)	utf8mb4_general_ci		No	None			🖉 Change	⊝ Drop	▽ More
3	custLastName	varchar(20)	utf8mb4_general_ci		No	None			🖉 Change	⊝ Drop	▽ More
4	custEmail 🔑	varchar(40)	utf8mb4_general_ci		No	None			🖉 Change	⊝ Drop	▽ More
5	custPass	varchar(20)	utf8mb4_general_ci		No	None			🖉 Change	⊝ Drop	▽ More
6	custGender	varchar(10)	utf8mb4_general_ci		No	None			🖉 Change	⊝ Drop	▽ More
7	custAge	int(3)			No	None			🖉 Change	⊝ Drop	▽ More
8	custPhone	varchar(15)	utf8mb4_general_ci		No	None			🖉 Change	⊝ Drop	▽ More

4

2. moviedetails

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	movieId 🔑	int(10)			No	None			🖊 Change ⊝ Drop ▽ More
2	movieName	varchar(60)	utf8mb4_general_ci		No	None			🖊 Change ⊝ Drop ▽ More
3	movieDuration	int(3)			No	None			🖊 Change ⊝ Drop ▽ More
4	movieGenre	varchar(50)	utf8mb4_general_ci		No	None			🖊 Change ⊝ Drop ▽ More
5	movieLang	varchar(30)	utf8mb4_general_ci		No	None			🖊 Change ⊝ Drop ▽ More

3. Screendetails

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	screenNo 🔑	int(10)			No	None			🖊 Change ⊝ Drop ▽ More
2	screenLoc	varchar(20)	utf8mb4_general_ci		No	None			🖊 Change ⊝ Drop ▽ More

4. BookingDetails

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	bookingId 🔑	int(10)			No	None		AUTO_INCREMENT	🖊 Change ⊝ Drop ▽ More
2	custId 🔑	int(10)			No	None			🖊 Change ⊝ Drop ▽ More
3	movieId 🔑	int(10)			No	None			🖊 Change ⊝ Drop ▽ More
4	showTime	varchar(20)	utf8mb4_general_ci		No	None			🖊 Change ⊝ Drop ▽ More
5	screenNo 🔑	int(2)			No	None			🖊 Change ⊝ Drop ▽ More
6	seatNos	varchar(60)	utf8mb4_general_ci		No	None			🖊 Change ⊝ Drop ▽ More

5. AdminCurrentMovies

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	entryNo 🔑	int(10)			No	None		AUTO_INCREMENT	🖊 Change	⊖ Drop	▽ More
2	movieId 🔑	int(10)			No	None			🖊 Change	⊖ Drop	▽ More
3	screenNo 🔑	int(10)			No	None			🖊 Change	⊖ Drop	▽ More
4	showTime	varchar(20)	utf8mb4_general_ci		No	None			🖊 Change	⊖ Drop	▽ More

5. usedseats

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	usse 🔑	int(10)			No	None		AUTO_INCREMENT	🖊 Change	⊖ Drop	▽ More
2	screenNo 🔑	int(10)			No	None			🖊 Change	⊖ Drop	▽ More
3	showTime	varchar(20)	utf8mb4_general_ci		No	None			🖊 Change	⊖ Drop	▽ More
4	bookedSeat	int(10)			No	None			🖊 Change	⊖ Drop	▽ More

2. SYSTEM REQUIREMENTS

Hardware:

- Minimum RAM required: 8 GB
- Input devices: Mouse, Keyboard
- Output devices: Monitor

Software:

- Xampp
- Atom Editor
- PHP
- MYSQL Database
- Chrome 76.0 or above
- Windows 7 or above

3. IMPLEMENTATION

Refer to the implementation at

https://github.com/akashsv01/Movie-Mania

4. IMPLEMENTATION SCREENSHOTS

Rating : ⭐⭐⭐⭐   Rating : ⭐⭐⭐⭐⭐   Rating : ⭐⭐⭐
Votes : 10K   Votes : 60K   Votes : 15K

Book Tickets   Book Tickets   Book Tickets

Sooryavanshi   *Love Story*   *Bell Bottom*
Action/Comedy/Drama   *Drama/Romantic*   *Action/Thriller*

Rating : ⭐⭐⭐⭐⭐   Rating : ⭐⭐⭐⭐⭐   Rating : ⭐⭐⭐
Votes : 125K   Votes : 48K   Votes : 12K

Book Tickets   Book Tickets   Book Tickets

🍎 Download   ▶ Download

Log In to your *Movie Mania* Account!

Email

Password

Sign In

Reset Password

Don't have an account? Sign Up

9

Get Started with *Movie Mania* Account!

First Name   Enter Your First Name
Last Name   Enter Your last Name
Gender   ● Male   ● Female
Age   Select your age
Email ID   Enter your Email
Password   Enter your Password
Phone Number

Sign Up

Have an account? Sign In

Reset your *Movie Mania* Account Password!

Email   Enter Your Email
New Password Enter Your New Password

Update Changes

Reset Password

Don't have an account? Sign Up

Movies Profile History About Download **SIGN OUT**

Hello BAKSHI! Book Movie Tickets with just one click!

Recommended Movies

The Conjuring : The Devil Made Me Do It
Horror/Thriller

Eternals

Action/Adventure/Fantasy

Ghostbusters : Afterlife

Action/Comedy/Fantasy

The Conjuring : The Devil Made Me Do It
Horror/Thriller
Rating : ⭐⭐⭐⭐
Votes : 10K
Book Tickets

Eternals
Action/Adventure/Fantasy
Rating : ⭐⭐⭐⭐⭐
Votes : 60K
Book Tickets

Ghostbusters : Afterlife
Action/Comedy/Fantasy
Rating : ⭐⭐⭐
Votes : 15K
Book Tickets

Sooryavanshi
Action/Comedy/Drama
Rating : ⭐⭐⭐⭐⭐
Votes : 125K
Book Tickets

Love Story
Drama/Romantic
Rating : ⭐⭐⭐⭐
Votes : 48K
Book Tickets

Bell Bottom
Action/Thriller
Rating : ⭐⭐⭐
Votes : 12K
Book Tickets

Sooryavanshi
Action/Comedy/Drama
Rating : ⭐⭐⭐⭐⭐
Votes : 125K
Book Tickets

Love Story
Drama/Romantic
Rating : ⭐⭐⭐⭐
Votes : 48K
Book Tickets

Bell Bottom
Action/Thriller
Rating : ⭐⭐⭐
Votes : 12K
Book Tickets

Guaranteed Customer Satisfaction

Customer satisfaction is our main motive.

 Download   ▶ Download

Activate Windows

Home   Movies   Profile   History   About   SIGN OUT

All Movies

The Conjuring : The Devil Made Me Do It
Horror/Thriller
Rating : ⭐⭐⭐⭐
Votes : 10K
Book Tickets

Eternals
Action/Adventure/Fantasy
Rating : ⭐⭐⭐⭐⭐
Votes : 10K
Book Tickets

Love Story
Drama/Romantic
Rating : ⭐⭐⭐⭐
Votes : 10K
Book Tickets

Votes : 10K
Book Tickets

Votes : 10K
Book Tickets

Votes : 10K
Book Tickets

Bell Bottom
Action/Thriller
Rating : ⭐⭐⭐⭐
Votes : 10K
Book Tickets

Movie Mania

Home   Movies   Profile   History   About   SIGN OUT

First Name

Last Name

Email

Phone Number

Edit Details

Movie Mania

Home   Movies   Profile   History   About   SIGN OUT

First Name

Last Name

Email

Phone Number

Save Changes

Movie Mania

Home   Movies   Profile   History   About   SIGN OUT

Available Time Slots

10 PM - 1 AM   Book for this slot

6 PM - 9 PM   Book for this slot

Movie Mania

Home   Movies   Profile   History   About   SIGN OUT

Available Time Slots

10 PM - 1 AM   Book for this slot

6 PM - 9 PM   Book for this slot

Available seats: 25

1	2	3	4	5
☐	☐	☐	☐	☐
6	7	8	9	10
☐	☐	☐	☐	☐

6 PM - 9 PM Book for this slot

Available seats: 25

1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
6 ☐	7 ☐	8 ☐	9 ☐	10 ☐
11 ☐	12 ☐	13	14 ☐	15 ☐
16 ☐	17	18	19	20
21 ☐	22 ☐	23 ☐	24 ☐	25 ☐
26 ☐	27 ☐	28 ☐	29 ☐	30 ☐

Book Now

Available seats: 25

1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
6 ☐	7 ☐	8 ☐	9 ☐	10 ☐
11 ☐	12 ☐	13	14 ☐	15 ☐
16 ☐	17	18	19	20
21 ☐	22 ☑	23 ☐	24 ☑	25 ☐
26 ☐	27 ☐	28 ☑	29 ☐	30 ☐

Book Now

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MovieName	The Conjuring : The Devil Made Me Do It
Show Time	10 PM - 1 AM
Screen No	2
Seats	22,24,28

Confirm & Proceed To Pay

Home   Movies   Profile   History   About   SIGN OUT

CONFIRMED MOVIE DETAILS

CONFIRMED MOVIE DETAILS

MovieName	The Conjuring : The Devil Made Me Do It
Show Time	10 PM - 1 AM
Screen No	2
Seats	22,24,28
Total Price	₹450

Woohoo!

Print

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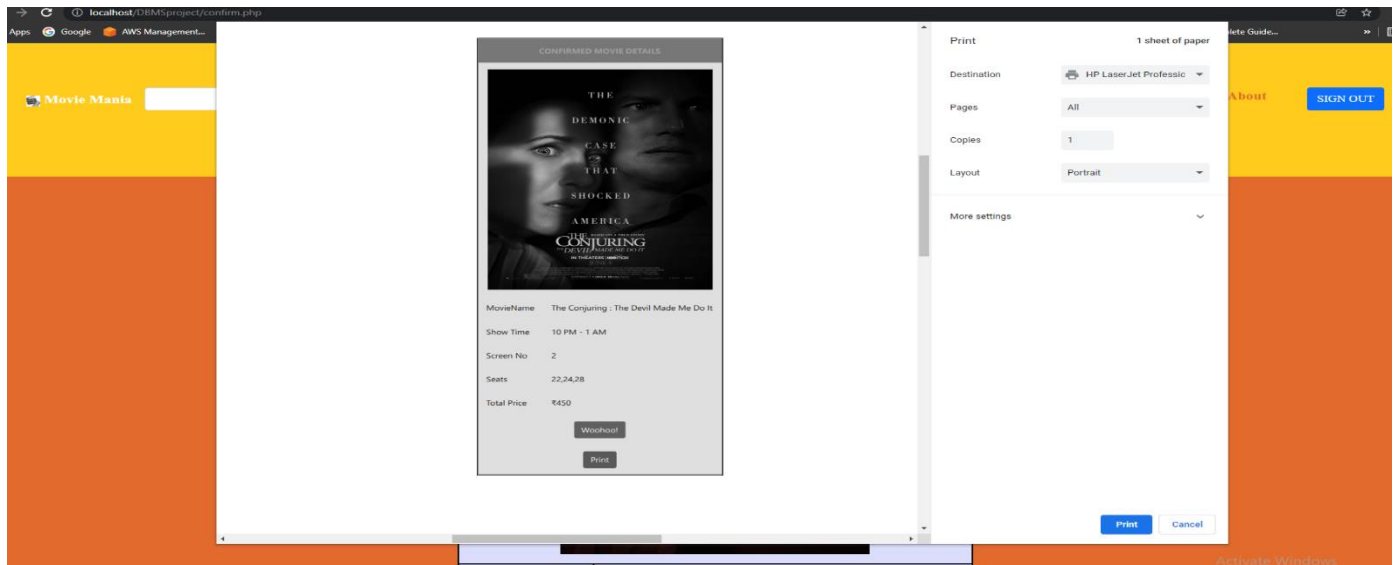
Your Movie Booking History

Booking 1

Booking Id	1
Movie Name	The Conjuring : The Devil Made Me Do It
Screen No	3
Show Timing	6 PM - 9 PM
Seats Booked	2/3/4/5/6
Delete Booking	

Booking 2

Current Screening Movies

Bell Bottom
Screen No : *3*
Show Time : *10 AM - 1 PM*

Love Story
Screen No : *2*
Show Time : *10 AM - 1 PM*

The Conjuring : The Devil Made Me Do It
Screen No : *2*
Show Time : *10 PM - 1 AM*

Eternals
Screen No : *4*
Show Time : *10 PM - 1 AM*

Screen No : *3*
Show Time : *10 AM - 1 PM*

Screen No : *2*
Show Time : *10 AM - 1 PM*

Screen No : *2*
Show Time : *10 PM - 1 AM*

Screen No : *4*
Show Time : *10 PM - 1 AM*

The Conjuring : The Devil Made Me Do It
Screen No : *3*
Show Time : *6 PM - 9 PM*

Add New Movies   Add Screening Movies   Delete Movie   View Details

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The Conjuring : The Devil Made Me Do It
Screen No : *3*
Show Time : *6 PM - 9 PM*

Add New Movies **Add Screening Movies** **Delete Movie** **View Details**

Movie Id [ ]

ScreenNo [ ]

Showtime [Show1 ▼]

AddMovie

The Conjuring : The Devil Made Me Do It
Screen No : *3*
Show Time : *6 PM - 9 PM*

Add New Movies **Add Screening Movies** **Delete Movie** **View Details**

Movie Name [ ]

Duration [ ]

Movie Genre [ ]

Movie language [ ]

Add Movie

Add New Movies **Add Screening Movies** **Delete Movie** **View Details**

Select the shows you want to delete

	Entry No.	Movie Id	Screen No	Show Time
☐	1	1	3	Show2
☐	2	6	3	Show1
☐	8	3	1	Show1
☐	9	2	2	Show4
☐	11	1	4	Show4
☐	12	4	2	Show1
☐	13	2	4	Show3
☐	15	1	3	Show3
Submit		Reset		

Add New Movies **Add Screening Movies** **Delete Movie** **View Details**

Movie Booking History

Booking 1

Customer Name	
Booking Id	4
Movie Name	Love Story
Screen No	2
Show Timing	10 AM - 1 PM
Seats Booked	8/12/20

Booking 2

Customer Name	
Booking Id	34
Movie Name	Eternals
Screen No	4
Show Timing	10 PM - 1 AM
Seats Booked	16/17/24/25

Booking 3

Customer Name	
Booking Id	36
Movie Name	Eternals
Screen No	4
Show Timing	10 PM - 1 AM
Seats Booked	3/4

6. DATABASE INSTANCE

CustDetails :

	custId	custFirstName	custLastName	custEmail	custPass	custGender	custAge	custPhone
☐ 🖉 Edit ᴣᵉ Copy ⊖ Delete	1							
☐ 🖉 Edit ᴣᵉ Copy ⊖ Delete	2							
☐ 🖉 Edit ᴣᵉ Copy ⊖ Delete	12							
☐ 🖉 Edit ᴣᵉ Copy ⊖ Delete	14							
☐ 🖉 Edit ᴣᵉ Copy ⊖ Delete	15							
☐ 🖉 Edit ᴣᵉ Copy ⊖ Delete	16							
☐ 🖉 Edit ᴣᵉ Copy ⊖ Delete	17	Admin	Admin	admin@gmail.com	admin@123	M	28	9876987698

↑ ☐ Check all   With selected: 🖉 Edit   ᴣᵉ Copy   ⊖ Delete   🖥 Export

Moviedetails :

	movieId	movieName	movieDuration	movieGenre	movieLang
Edit ᴣᵉ Copy ⊖ Delete	1	The Conjuring : The Devil Made Me Do It	112	Horror/Thriller	English
Edit ᴣᵉ Copy ⊖ Delete	2	Eternals	157	Action/Adventure/Fantasy	English
Edit ᴣᵉ Copy ⊖ Delete	3	Ghostbusters : Afterlife	124	Action/Comedy/Fantasy	English
Edit ᴣᵉ Copy ⊖ Delete	4	Sooryavanshi	120	Action/Comedy/Drama	Hindi
Edit ᴣᵉ Copy ⊖ Delete	5	Love Story	165	Drama/Romantic	Telugu
Edit ᴣᵉ Copy ⊖ Delete	6	Bell Bottom	125	Action/Thriller	Hindi
Edit ᴣᵉ Copy ⊖ Delete	7	ff8	126	action	eng

ScreenDetails :

	screenNo	screenLoc
🖉 Edit ᴣᵉ Copy ⊖ Delete	1	Floor 2
🖉 Edit ᴣᵉ Copy ⊖ Delete	2	Floor 1
🖉 Edit ᴣᵉ Copy ⊖ Delete	3	Floor 4
🖉 Edit ᴣᵉ Copy ⊖ Delete	4	Floor 3
🖉 Edit ᴣᵉ Copy ⊖ Delete	5	Floor 2

AdminCurrentMovies :

			entryNo	movieId	screenNo	showTime
Edit	Copy	Delete	2	6	3	Show1
Edit	Copy	Delete	3	5	2	Show1
Edit	Copy	Delete	4	1	2	Show4
Edit	Copy	Delete	12	2	4	Show4
Edit	Copy	Delete	13	1	3	Show3

BookingDetails :

			bookingId	custId	movieId	showTime	screenNo	seatNos
dit	Copy	Delete	1	1	1	Show3	3	2/3/4/5/6
dit	Copy	Delete	3	1	1	Show4	2	13/17
dit	Copy	Delete	4	14	5	Show1	2	8/12/20
dit	Copy	Delete	9	14	6	Show1	3	13/17
dit	Copy	Delete	10	14	6	Show1	3	13/17
dit	Copy	Delete	11	2	5	Show1	2	9/15/16
dit	Copy	Delete	12	2	1	Show2	3	11/12/13/14/15/16/17/18/19/20
dit	Copy	Delete	13	2	2	Show4	4	13/17/19/21/23/25/28

Usedseats :

		usse	screenNo	showTime	booked Seat
Copy	Delete	1	3	Show3	2
Copy	Delete	2	3	Show3	3
Copy	Delete	3	3	Show3	4
Copy	Delete	4	3	Show3	5
Copy	Delete	5	3	Show3	6
Copy	Delete	6	1	Show4	9
Copy	Delete	15	2	Show4	13
Copy	Delete	16	2	Show4	17
Copy	Delete	17	2	Show1	8
Copy	Delete	18	2	Show1	12
Copy	Delete	28	3	Show1	13
Copy	Delete	29	3	Show1	17
Copy	Delete	30	3	Show1	13
Copy	Delete	31	3	Show1	17
Copy	Delete	32	2	Show1	9
Copy	Delete	33	2	Show1	15
Copy	Delete	34	2	Show1	16
Copy	Delete	35	3	Show2	11
Copy	Delete	36	3	Show2	12
Copy	Delete	37	3	Show2	13
Copy	Delete	38	3	Show2	14
Copy	Delete	39	3	Show2	15
Copy	Delete	40	3	Show2	16
Copy	Delete	41	3	Show2	17
Copy	Delete	45	4	Show4	13
Copy	Delete	46	4	Show4	17
Copy	Delete	48	4	Show4	21
Copy	Delete	49	4	Show4	23
Copy	Delete	50	4	Show4	25

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6. CONCLUSION AND FUTURE WORK

The main aim of this project was to allow users book tickets online without having to wait in long queues to reserve seats.

We would like to extend this project by deploying this website in real time using AWS. In addition to this, we would like to use React for the frontend part and also include a payment gateway for real time payments.

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