

# Data Base Management System

Project Name : Theater Ticket Booking Database

DataBase Name : New-Gen

## Project Report

### Software Used :

1. Html , Css , Javascript [ For Front End ]
2. Php for connecting front end with server and database
3. MYSQL for accessing database
4. XAMPP for hosting ( local host )

### Tables :

#### Data Base : New -Gen

1. Customers
2. Movie
3. Theater
4. Shows
5. Seat
6. Screen
7. Ticket

( Table details mentioned in Project abstract , tables and methods used pdf )

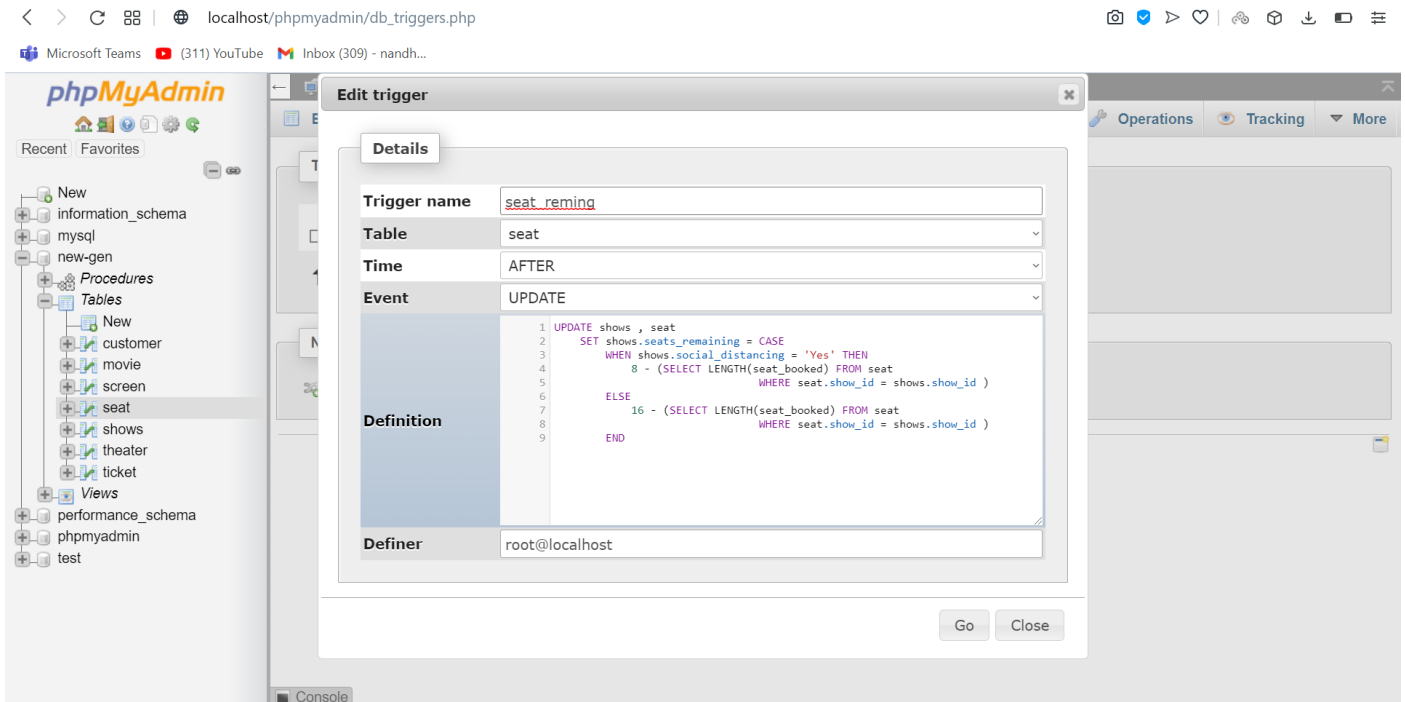
### Triggers Used:

#### 1. Seats remaining:

When no of ticket is booked remaining seats in the 'show' table should be decreased as per their social distancing type.

UPDATE shows

```
SET seats_remaining = 16 - (SELECT LENGTH(seat_booked) FROM seat
WHERE seat.show_id = shows.show_id and
seat.seat_booked IS NOT NULL and
shows.social_distancing = 'No'),
seats_remaining = 8 - (SELECT LENGTH(seat_booked) FROM seat
WHERE seat.show_id = shows.show_id and
seat.seat_booked IS NOT NULL and
shows.social_distancing = 'Yes')
```



## Views Used :

1.Theater\_view

2.Movie\_view

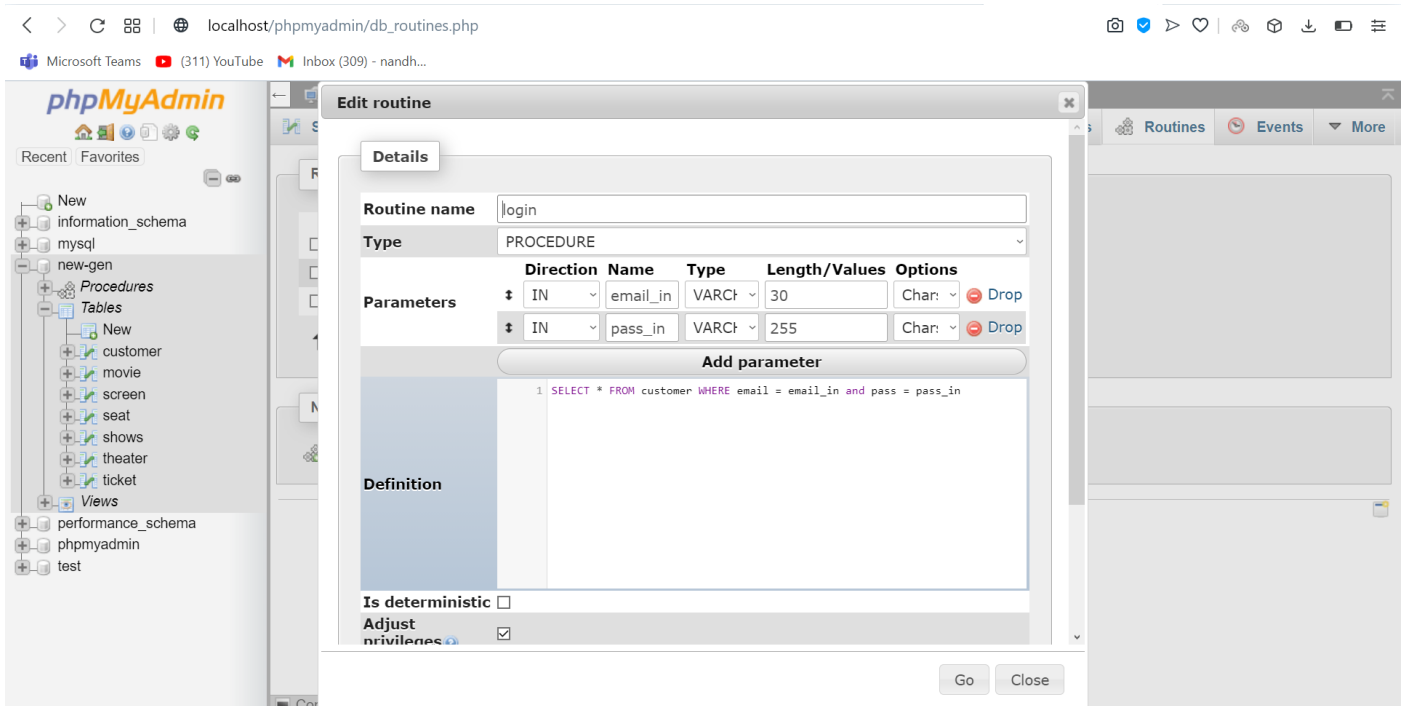
## Procedures Used :

1.Login

```

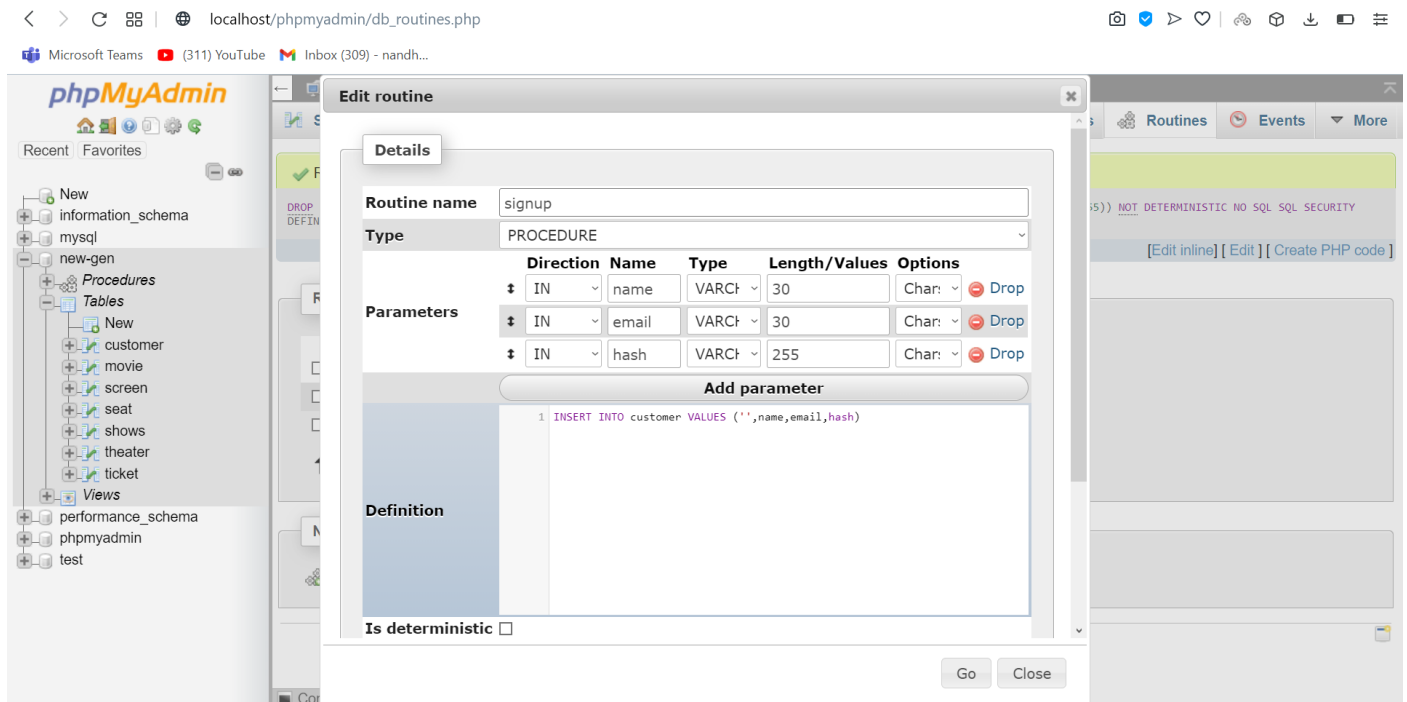
DROP PROCEDURE `login`; CREATE DEFINER=`root`@`localhost` PROCEDURE `login`(IN `email_in`
VARCHAR(30), IN
`pass_in` VARCHAR(255)) NOT DETERMINISTIC NO SQL SQL SECURITY DEFINER SELECT * FROM customer
WHERE email = email_in and pass = pass_in

```



## 2. Sign Up

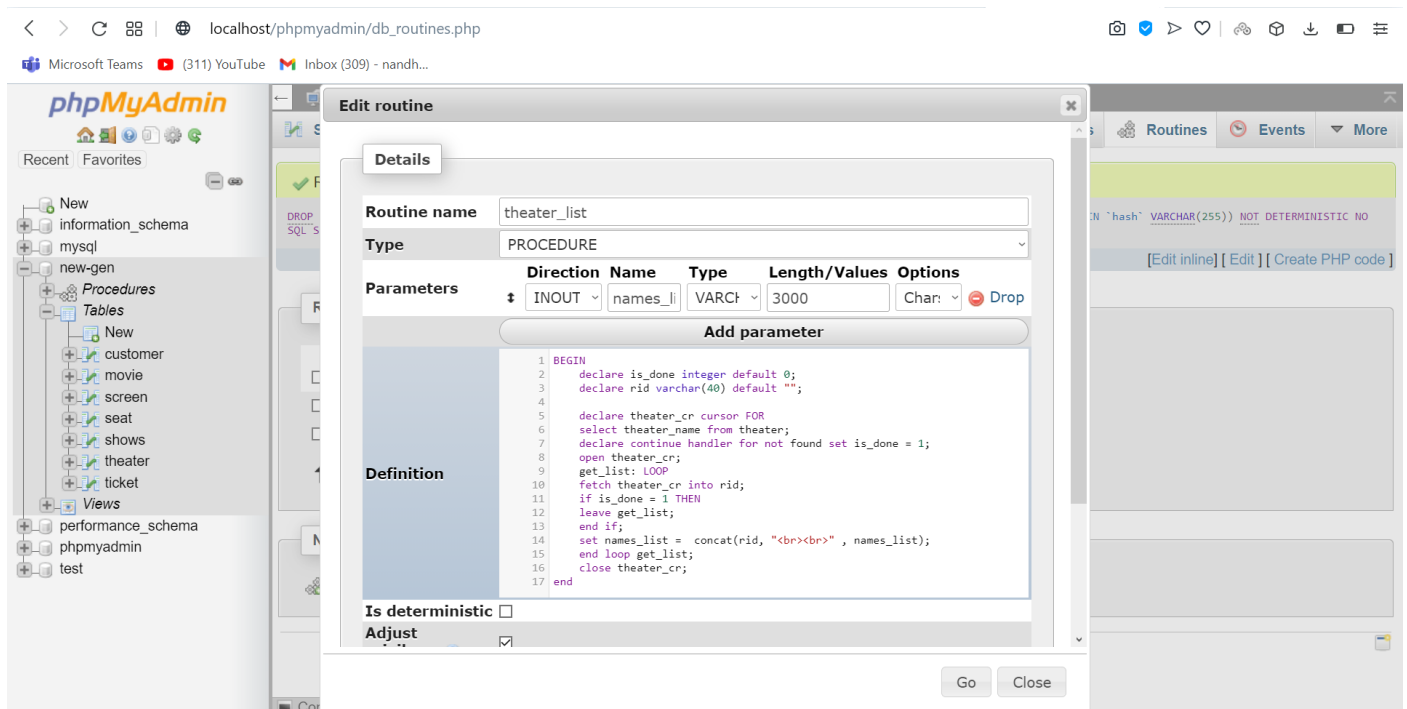
```
DROP PROCEDURE `signup`; CREATE DEFINER=`root`@`localhost` PROCEDURE `signup`(IN `name` VARCHAR(30), IN `email` VARCHAR(30), IN `hash` VARCHAR(255)) NOT DETERMINISTIC NO SQL SQL SECURITY DEFINER INSERT INTO customer VALUES ('',name,email,hash)
```



## Cursor Used :

### 1.Printing the List of theaters ( Dashboard )

```
DROP PROCEDURE `theater_list`; CREATE DEFINER=`root`@`localhost` PROCEDURE `theater_list`(INOUT `names_list` VARCHAR(3000)) NOT DETERMINISTIC NO SQL SQL SECURITY DEFINER BEGIN declare is_done integer default 0; declare rid varchar(40) default ""; declare theater_cr cursor FOR select theater_name from theater; declare continue handler for not found set is_done = 1; open theater_cr; get_list: LOOP fetch theater_cr into rid; if is_done = 1 THEN leave get_list; end if; set names_list = concat(rid, "<br><br>", names_list); end loop get_list; close theater_cr; end
```



## Innovations :

### 1. Users can rate the movies

We have an in-built rating system. Once you watch a movie immediately you are allowed to rate the movie which will automatically reflect the overall rating of the movie.

This will be displayed at the start of our website based on which you can choose your movies.

### 2. Ratings available for both theaters and movies

### 3. Corona precautions in seating arrangements

Considering the covid pandemic we have allotted the social distancing shows in our theaters this allows only 50% occupancy. You won't be allowed to book 2 tickets that are adjacent and will have to skip seats and sit.

### 4. Developer mode for admins

We have attached a terminal to the admin end to provide complete freedom to access the database to initiate modifications necessary.

## **Web Page Flow:**

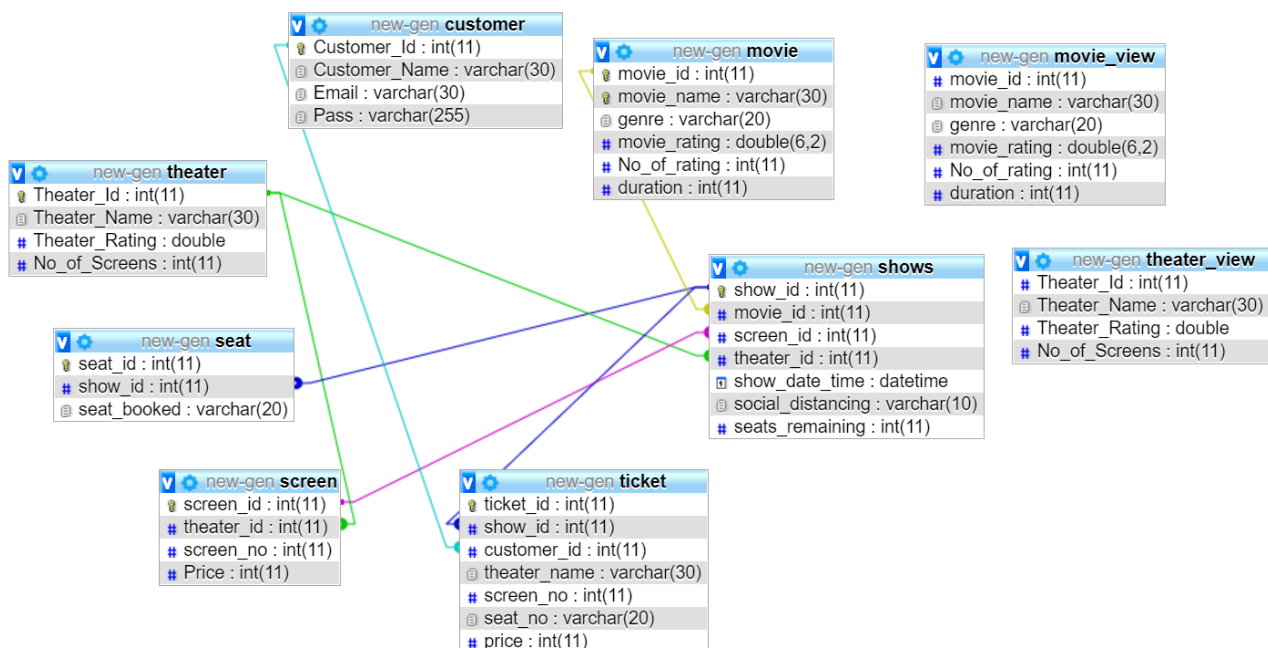
### **For( User End ) :**

Homepage(LoginPage) → Dashboard (Movie Selection) → Theater Selection → Seats Booking → Ticket Generation.

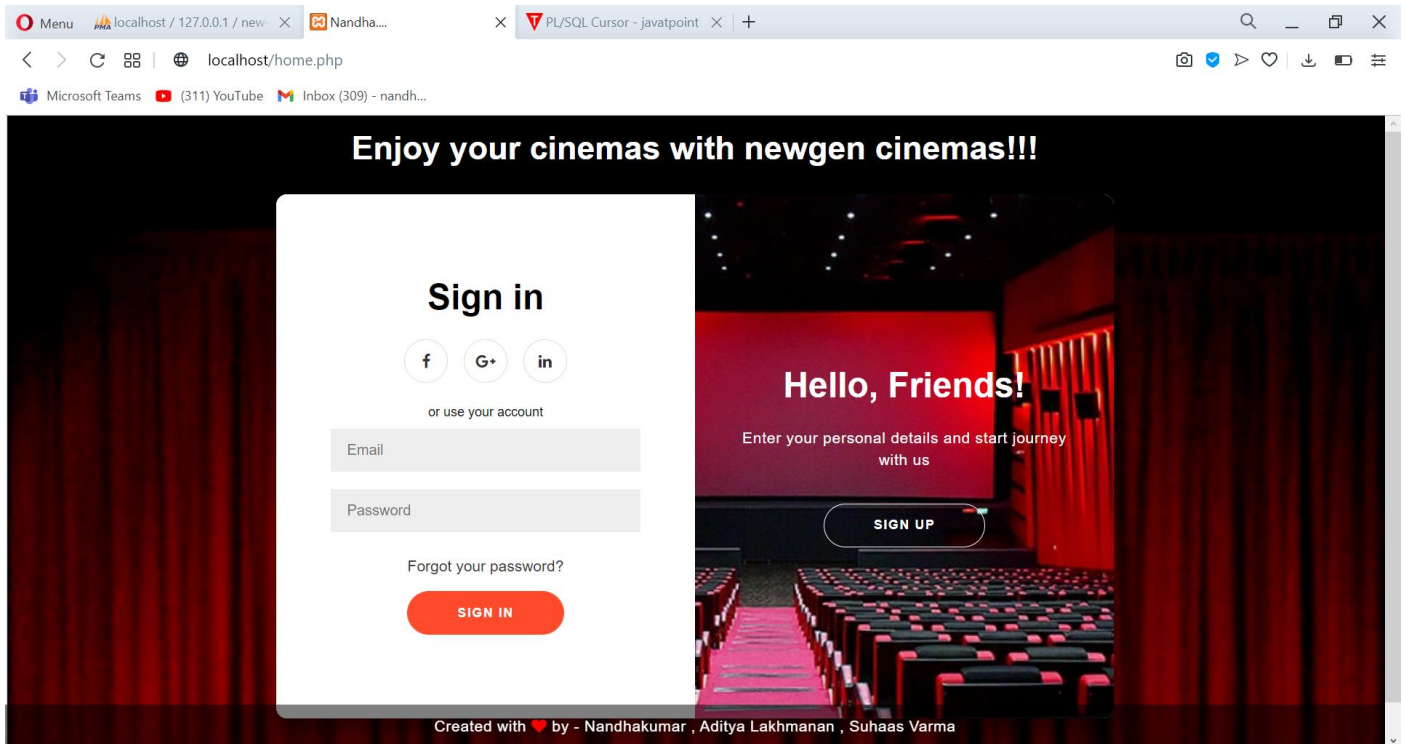
### **For ( Admin End ) :**

Homepage(Same login page used in user end ) → Admin Page .

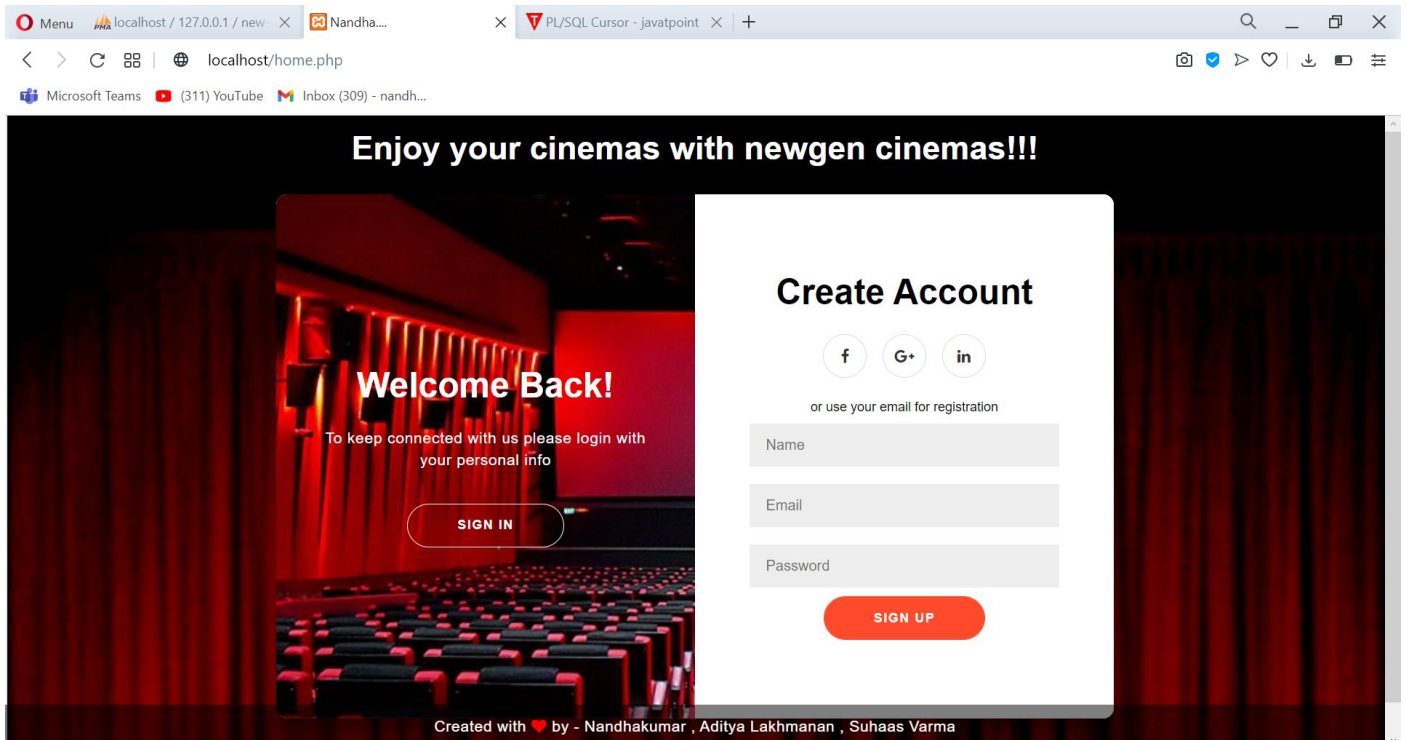
## **Schema diagram :**



## Sign in Page :

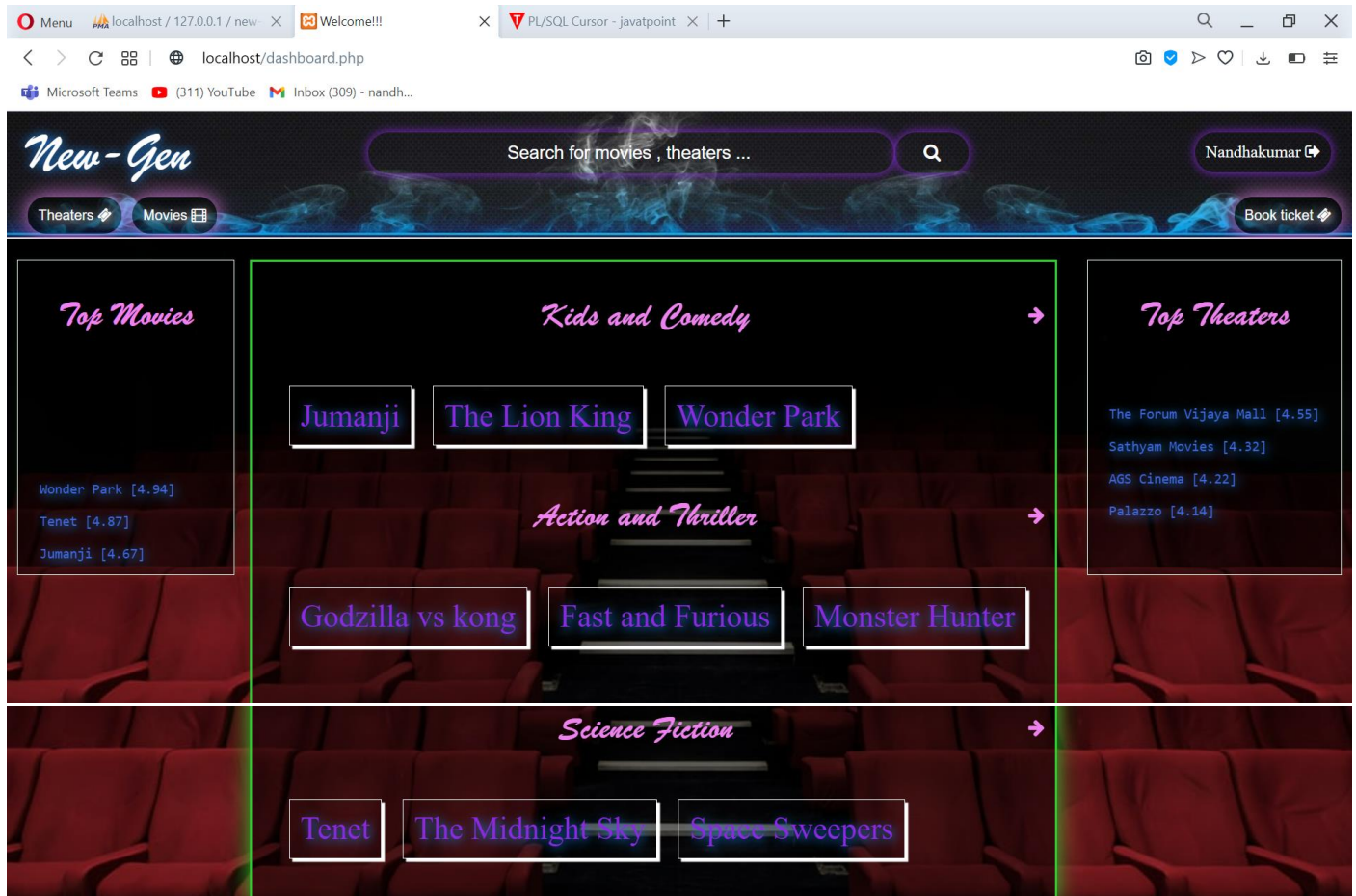


## 2.Sign up Page:

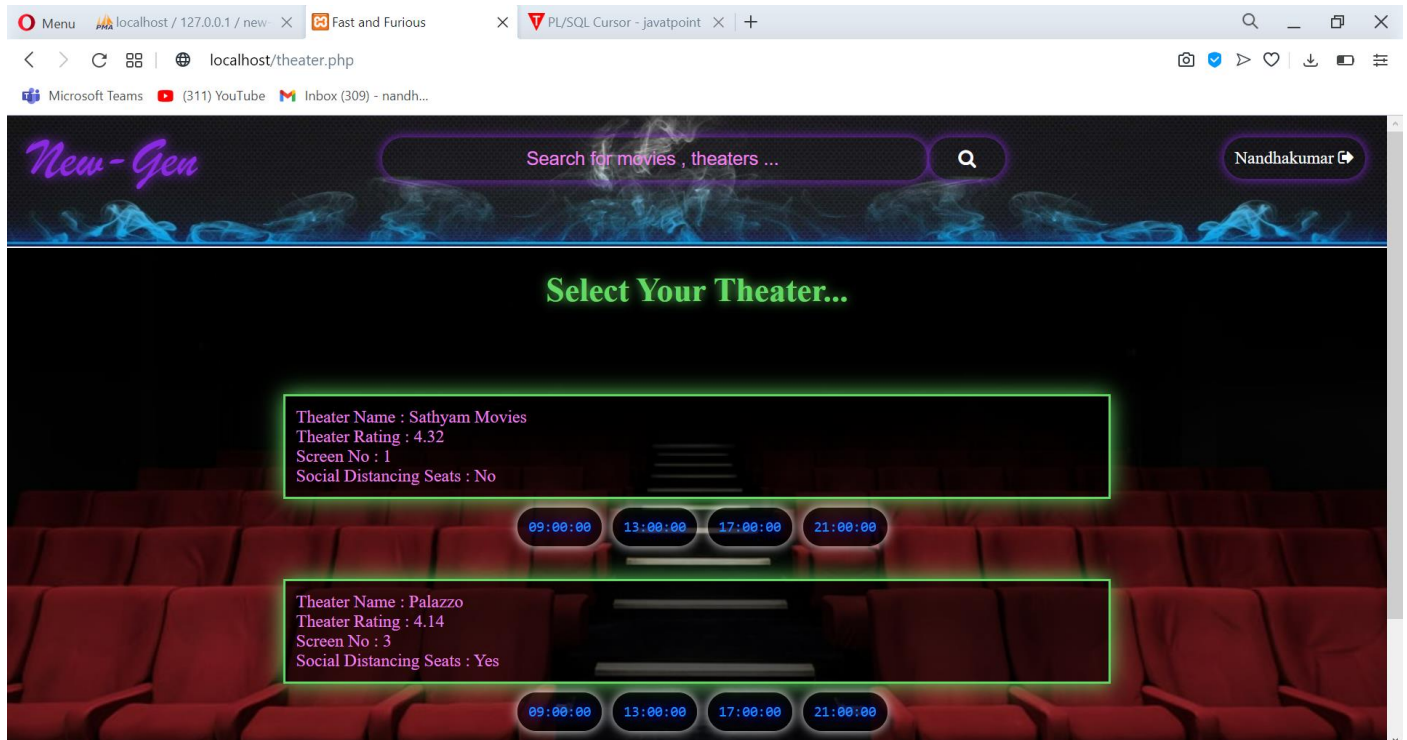




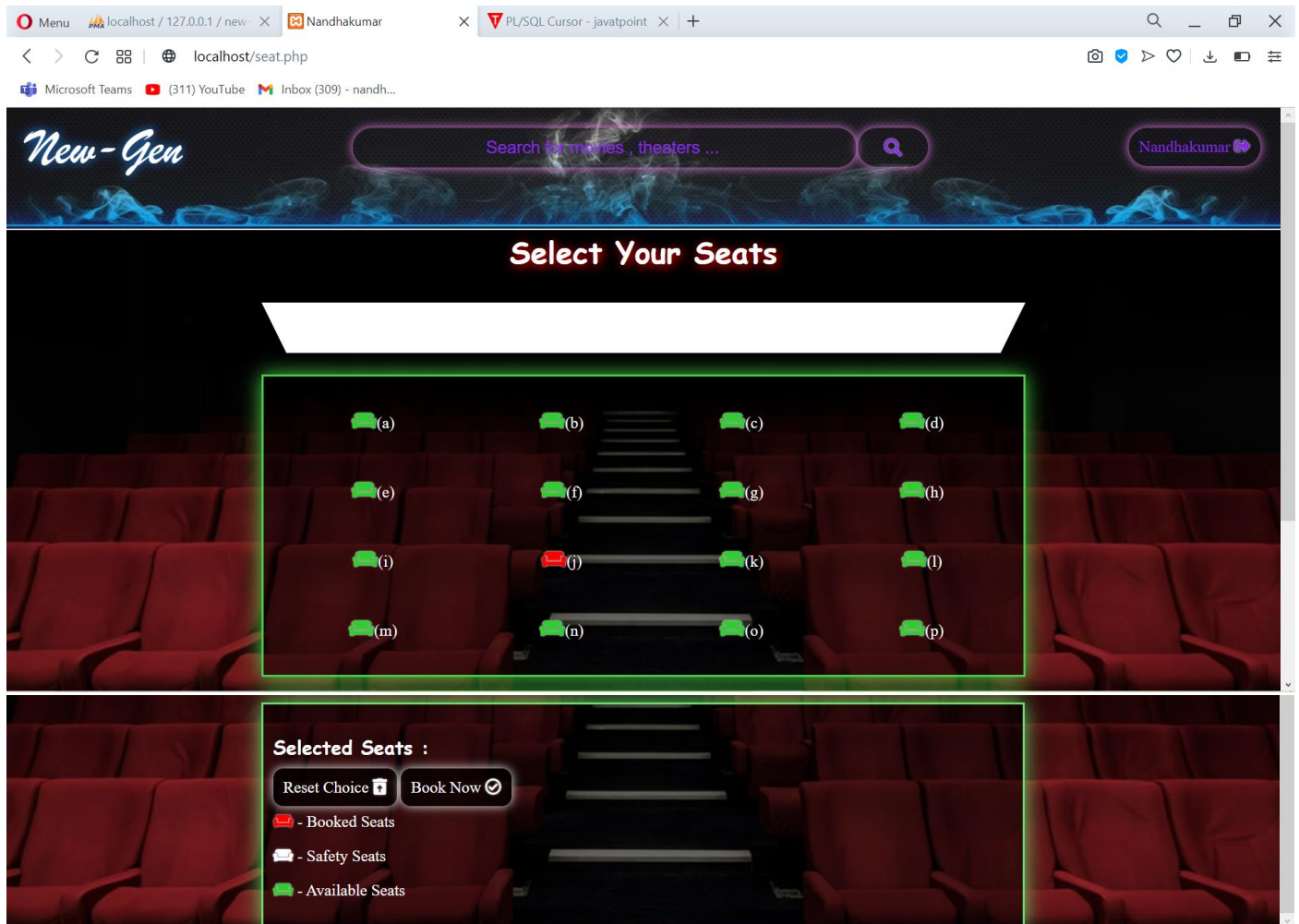
### 3. Dashboard :



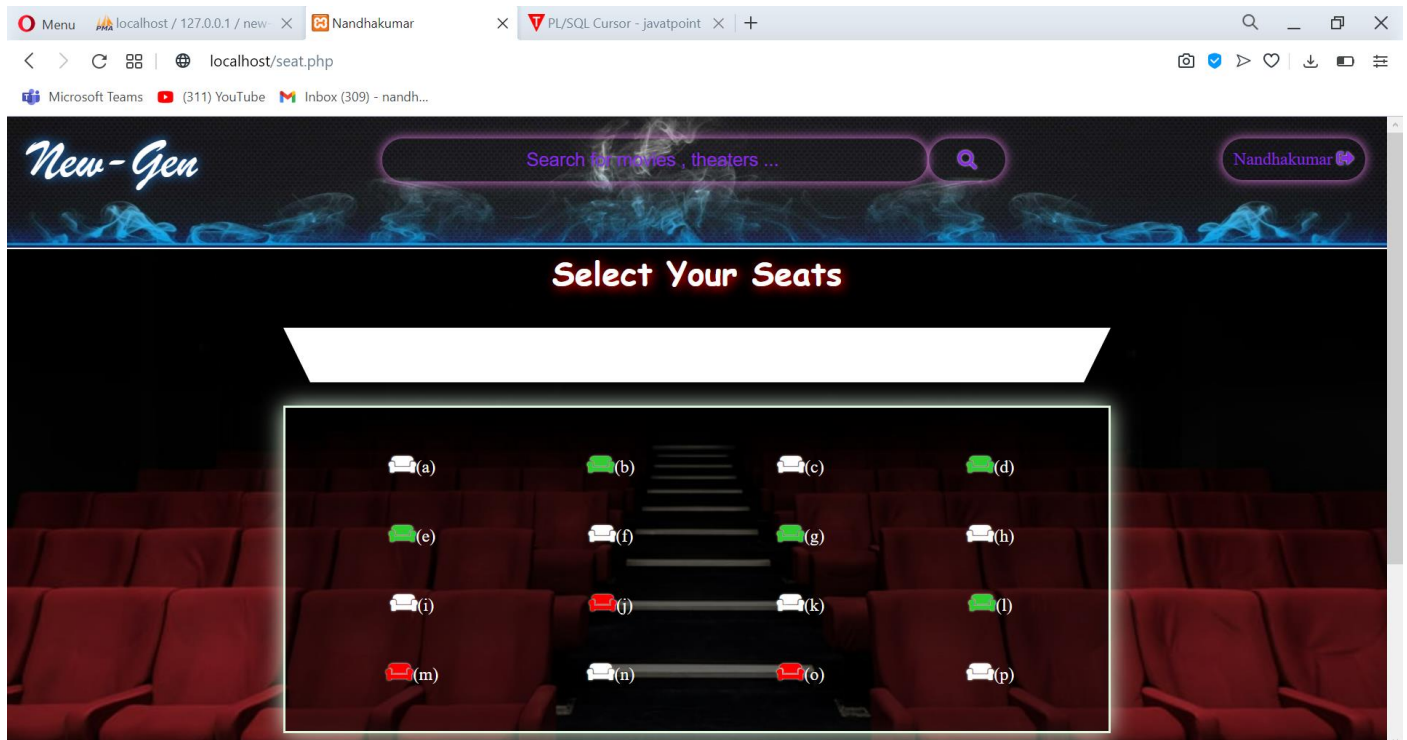
### 4. Theater Selection :



## Normal Seating Arrangements :



## Social Distancing Seats:






## Ticket Confirmation Page :

Menu localhost / 127.0.0.1 / new Congratulation... PL/SQL Cursor - javatpoint

localhost/ticket.php

Microsoft Teams (311) YouTube Inbox (309) - nandh...

### Your Ticket has been Booked Successfully.




Customer Name	Nandhakumar
Movie Name	Fast and Furious
Theater Name	Sathyam Movies
Screen No	1
Timing	2021-05-24 13:00:00
Seats Booked	f (1)
Ticket Price	Rs.110
Movie Duration	2-Hours 50-Mins

Make sure that the above mentioned details are correct , if there is any mistake kindly contact admins.

[Goto Dashboard](#)

#### Rate this Movie

- ★Excellent
- ★Very Good
- ★Good
- ★Average
- ★Worst





## Admin Page :

Menu

localhost / 127.0.0.1 / new

Welcome Admin...

PL/SQL Cursor - javatpoint

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localhost/admin.php

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Microsoft Teams (311) YouTube Inbox (309) - nandh...

New-Gen

Logout

Dear Admin You can change the basic things here...

Change Price

Select Theater:

The Forum Vijaya Mall

Select Screen:

1

Enter Price

Submit

Change Movie

Add New Movie

Menu

localhost / 127.0.0.1 / new

Welcome Admin...

PL/SQL Cursor - javatpoint

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New-Gen

Logout

Dear Admin You can change the basic things here...

Change Price

Change Movie

Select Theater :

The Forum Vijaya Mall

Select Screen :

1

Select Movie :

Godzilla vs kong

Submit

Menu

localhost / 127.0.0.1 / new

Welcome Admin...

PL/SQL Cursor - javatpoint

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New-Gen

Logout

Dear Admin You can change the basic things here...

Change Price

Change Movie

Add New Movie

Enter Movie Name...

Enter IMDB Rating...

Enter Movie Duration...

Action Submit

For Developers ,we are providing terminal setup . So that admins can access database directly..

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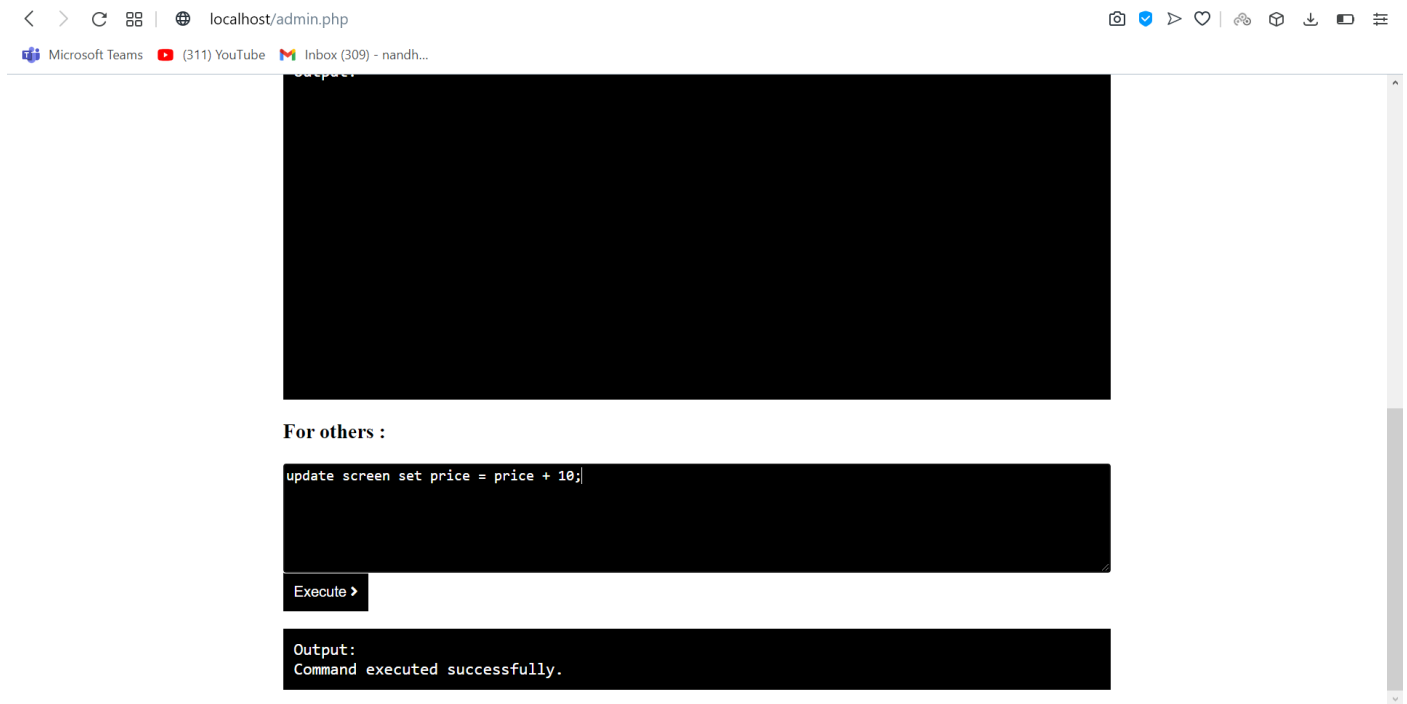
SELECT from the DataBase

```
select movie_name from movie;
```

Execute

Output:

Array ( [movie\_name] => Fast and Furious )  
Array ( [movie\_name] => Godzilla vs kong )  
Array ( [movie\_name] => Jumanji )  
Array ( [movie\_name] => Monster Hunter )  
Array ( [movie\_name] => Space Sweepers )  
Array ( [movie\_name] => Tenet )  
Array ( [movie\_name] => The Lion King )  
Array ( [movie\_name] => The Midnight Sky )  
Array ( [movie\_name] => Under Water )  
Array ( [movie\_name] => Wonder Park )



## Team Mates :

1. NandhaKumar – 2019103546
2. Aditya Lakshmanan – 2019103003
3. Venkata Suhaas Varma Kalidindi – 2019103610

### Team members Contribution:

Nandha Kumar:

Was the main point of control. He had the server computer. Took care of front end and merging of back end.

Aditya & Suhaas:

Took care of the flow template and logic of the database sent codes to execute. Back end design and ideation.

We often got on a call and collectively worked and mixedly contributed to all aspects.