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UE18CS355 – OBJECT ORIENTED ANALYSIS AND DESIGN
WITH SOFTWARE ENGINEERING LABORATORY

PROJECT REPORT
ON

Online Movie Ticket Booking System
(Team No.17)

SUBMITTED BY

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Abstract:

The project objective is to book cinema tickets in online. The Ticket Reservation System is an Internet based application that can be accessed throughout the Net and can be accessed by anyone who has a net connection. This application will reserve the tickets. This online ticket reservation system provides a website for a cinema hall where any user of internet can access it. User is required to login to the system and needs a credit card for booking the tickets. Tickets can be collected at the counter and

Watching movies with family and friends In theatres is one of the best mediums of entertainment after having a hectic schedule. But all this excitement vanishes after standing in hours in long queues to get tickets booked. The website provides complete information regarding currently running movies on all the screens with details of show timings, available seats. Ticket reservations are done using credit card and can be cancelled if needed. Our online tickets reservation system is one of the best opportunities for those who cannot afford enough time to get their tickets reserved standing in long queues. People can book tickets online at any time of day or night. Our reservation system also provides option to cancel the tickets which are reserved previously.

1) Software Requirement System:

1: Introduction

1.1 Purpose

The purpose of the online movie ticket booking system is to provide another way for purchasing cinema tickets in advance. It is an automatic system, the scope of the product that is described in the SRS is the functionality, requirements and general interface of our project. It also describes the design constraints that are to be considered when the system is to be designed.

The application is a software with few dependencies. The application is a website which will be given a release number of 1.0 which is subject to further updating if needed. Future release numbers will follow a common number convention.

1.2 Intended Audience

This document is intended for the users, developers, admin, IT professionals and future researchers who will take this as a guideline. This SRS document also contains information about the product like its scope, system features, assumptions and dependencies, interfaces, user classes and other useful information about the product which is very well organized under the following respectively six different chapters of the SRS. We suggest that the readers read the documents very clearly to understand all the information including the goal of the system and how the system works.

1.3 Product Scope

The system is a web based design whose goal is to meet user needs to buy tickets as quick as possible to make it easy for the users to achieve their needs. The objective of our online movie ticket booking system is to inform about the upcoming shows, show movies in cinemas. Users can purchase available movie tickets and look

up for the price and the start time of the show. The website shall give an user option to print the ticket. The business strategies involved are tickets will not be refundable and the tickets will only be valid on the date mentioned. And the main benefit of this software is to avoid users standing in the queue and then realize the tickets for the movie are over or the movie has already started. It can be accessed using a simple internet. The system is designed for all kinds of users regardless of the experience and this is one of the business strategies as it will attract a large number of users.

1.4 Hardware Specification

Server:

Processor-7th generation i5

RAM-128MB (min)

Hard disk-20GB

Client:

Processor-7th generation i5

Ram-128MB (min)

Hard disk- 20GB

1.5 Software Specification

Platform – Windows 8, 10

Front end - Html, Css

Backend - Xampp

1.6 Front End

HTML: Hypertext Markup Language (HTML) is the standard markup language for creating web pages and applications. Each page contains a series of connections to other pages called hyperlinks. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are delineated by tags, written using angle brackets. Tags such as and <input/> introduce content into the page directly. Others such as <p>....</p> surround and provide information

about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page. HTML code ensures the proper formatting of text and images so that your Internet browser may display them as they are intended to look. Without HTML, a browser would not know how to display text as elements or load images or other elements. HTML also provides a basic structure of the page, upon which Cascading Style Sheets are overlaid to change its appearance.

CSS: Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. CSS is designed primarily to enable the separation of presentation and content, including aspects such as the layout, colors, and fonts this separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple HTML pages to share formatting by specifying the relevant CSS in a separate .css file and reduce complexity and repetition in the structural content.

1.7 About PHP

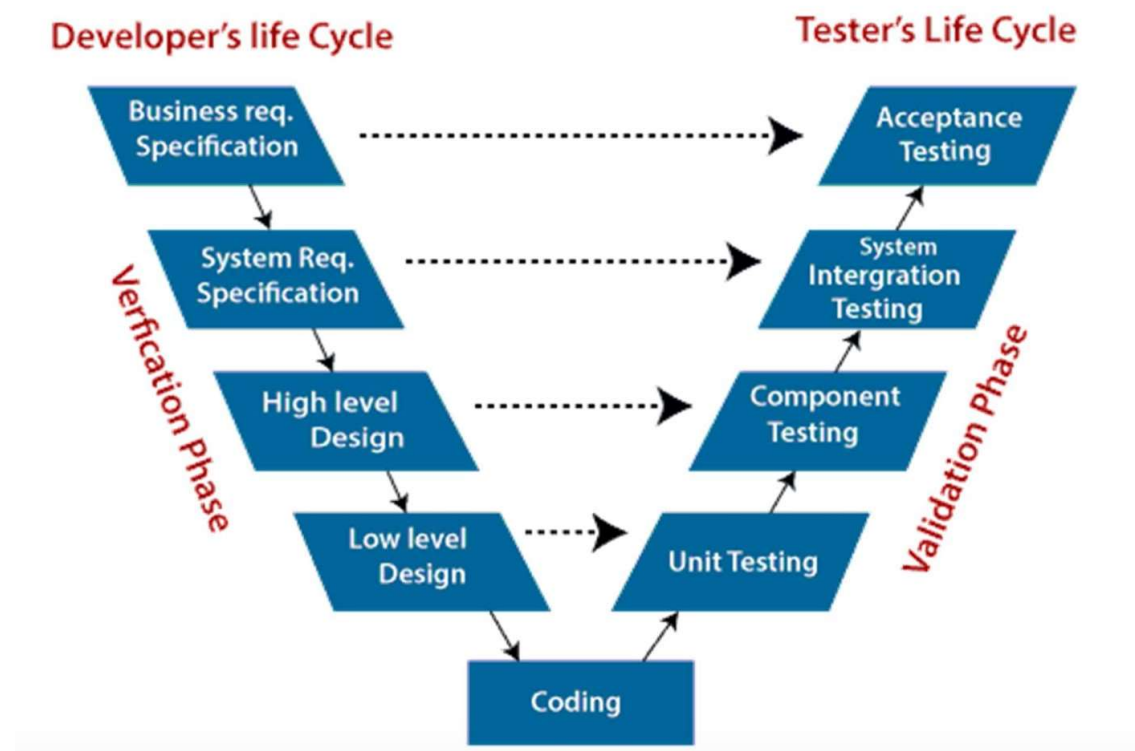
The latest versions of PHP are object oriented. That is, you can write classes yourself, use inheritance and where appropriate, the built in functionality is built in objects too (like MySQL features).

PHP is a widely used open source general purpose scripting language that is especially suited for web development and can be embedded into html basically, a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. PHP code may be embedded into HTML or HTML5 markup or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server software combines the results of the interpreted and executed PHP code, which may be any type of data, including images with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.

1. Lifecycle:

The V-model is an SDLC model where execution of processes happens in a sequential manner in a V-shape. It is also known as Verification and Validation model.

V- Model



Under the V-Model, the corresponding testing phase of the development phase is planned in parallel. So, there are Verification phases on one side of the 'V' and Validation phases on the other side. The Coding Phase joins the two sides of the V-Model.

The advantage of the V-Model method is that it is very easy to understand and apply. The simplicity of this model also makes it easier to manage. The disadvantage is that the model is not flexible to changes and just in case there is a requirement change, which is very common in today's dynamic world, it becomes very expensive to make the change.

The advantages of the V-Model method are as follows:

- This is a highly-disciplined model and Phases are completed one at a time.
- Works well for smaller projects where requirements are very well understood.
- Simple and easy to understand and use.
- Easy to manage due to the rigidity of the model. Each phase has specific deliverables and a review process.

2. Tools

Planning:

Everything starts with a concept. It could be a concept of some-one, or everyone. However, there are those that do not start out with a concept but with a question, What do you want? they ask thousands of people in a certain community or age group to know what they want and decide to create an answer. But it all goes back to planning and conceptualization.

It is also essential for developers to know that this stage deals a lot with upper management so if you are not the owner of the software development company, you have to deal with them a lot in this stage

Tool: Microsoft Word

Zoom Design:

Once planning and arguing with the manager or the owner about the plan and somehow convincing them, it is time to design or create a rough plan regarding the software. Developers will work together and decide the initial specifics of the software to be created.

They will decide what platform or programming language to use, which will take care the coding of a certain part of the software and even the time frame. This could be conducted by a project manager along with the developers. The workflow about the project is also laid out. Some will also treat this stage as planning for the back- end operations in developing the software. It is not only important that developers should have a solid plan; they should at least know that something will help them achieve to finish the program faster.

Version control:

Version control, is a management strategy to track and store changes to a software development document or set of files that follow the development project from beginning to end-of-life. Following the logical and recorded development trail can aid in finding problem origins, bugs, or even better versions of the build.

Development:

This is the actual writing of the program. A small project might be written by a single developer, while a large project might be broken up and worked by several teams. Use an Access Control or Source Code Management application in this phase. These systems help developers track changes to the code. They also help ensure compatibility between different team projects and to make sure target goals are being met.

The coding process includes many other tasks. Many developers need to brush up on skills or work as a team. Finding and fixing errors and glitches is critical. Tasks often hold up the development process, such as waiting for test results or compiling code so an application can run.

SDLC can anticipate these delays so that developers can be tasked with other duties.

Bug tracking:

A Defect life cycle, also known as a Bug life cycle, is a cycle of a defect from which it goes through covering the different states in its entire life. This starts as soon as any new defect is found by a tester and comes to an end when a tester closes that defect assuring that it won't get reproduced again.

Testing:

This could mean two things depending on an SDLC model. The first type of testing is the actual testing by users. This is usually done in models wherein implementation does not go with pre-testing with users. On the other hand, there are also testing that uses professionals in the field. This testing is aimed in cleaning the software of all the bugs altogether.

For software that are set for public release, the software is first tested by other developers who were not in charge in creating the software. They will weed out the bugs and suggest fixes if every they find one. Once this stage is completed, it is time to test the software not just to the developers but to actual users.

For implementation, as well as for the whole SDLC, one of the popular tools is Jira Software.

We are using Eclipse IDE tool.

Almost everything in Eclipse is a plugin.

We can extend the functionality of Eclipse IDE by adding plugins to the IDE, maybe for additional programming language or version control system or UML.

Supports various source knowledge tools like folding and hyperlink navigation, grading, macro definition browser, code editing with syntax highlighting.

Provides excellent visual code debugging tool to debug the code.

Eclipse has a wonderful user interface with drag and drop facility for UI designing.

Supports project development and administered framework for different tool chains, classic make framework and source navigation.

Java Eclipse IDE has a Java Doc facility using which we can automatically create documentation for classes in our application.

3. Deliverables

This application allow customers to:

- 1) View show listings
- 2) Select show
- 3) View show description
- 4) Check availability
- 5) Reserve Tickets

The information for the show description will be stored in a database that can be accessed by the customers.

Below is the list of artifacts to be delivered to customers:

1. System Development Life Cycle Methodology:

Often the software development models that are chosen for projects depend on multiple factors. These are: level of expertise required, business requirements, and the time and budget available for the SDLC process. So, to make an informed decision, a software engineer needs to know all the SDLC methodologies well. This is why the choice of SDLC can't be guaranteed as reuse component as the choice of model may change the next time for a similar project. It can be considered as reusable component as some phases like design, coding can be reused in some or the other form for other projects.

2. Business Case: A business case provides justification for undertaking a project, programme or portfolio. It evaluates the benefit, cost and

risk of alternative options and provides a rationale for the preferred solution. This can be considered multiple times and in multiple phases of development of the product.

3. Work Breakdown structure: A Work Breakdown Structure (WBS) is a deliverable-oriented hierarchical decomposition of the work to be executed by the project team to accomplish the project objectives and create the required deliverables. A WBS is the cornerstone of effective project planning, execution, controlling, monitoring, and reporting. All the work contained within the WBS is to be identified, estimated, scheduled, and budgeted. This can be reused as it is independent of other phases and can be referred at any time during the project development.

4. Project Management Plan: A Project management plan is a formal, approved document that defines how the project is executed, monitored, and controlled. It may be a summary or a detailed document and may include baselines, subsidiary management plans, and other planning documents. This can be reused throughout the development of the project.

5. Project Milestones: A milestone is a specific point in time within a project lifecycle used to measure the progress of a project toward its ultimate goal. It's a reference point that marks a major event or a branching decision point within a project. Not reusable as it varies according to the alteration done in different phases of the product development.

6. Project Schedule: A project schedule is an outline of a project that organizes tasks and activities, estimates their durations, identifies their dependencies, sets overall milestones and places all that information on a timeline. It also defines the resources needed to complete these tasks. This is also not a reusable component as it varies according to the variation of different phases.

7. Quality Assurance Plan: A quality assurance plan is a document, constructed by the project team, meant to ensure the final products are of the utmost quality. A quality assurance plan contains a set of documented activities meant to ensure that customers are satisfied with the goods or services a company provides. Not reusable as it

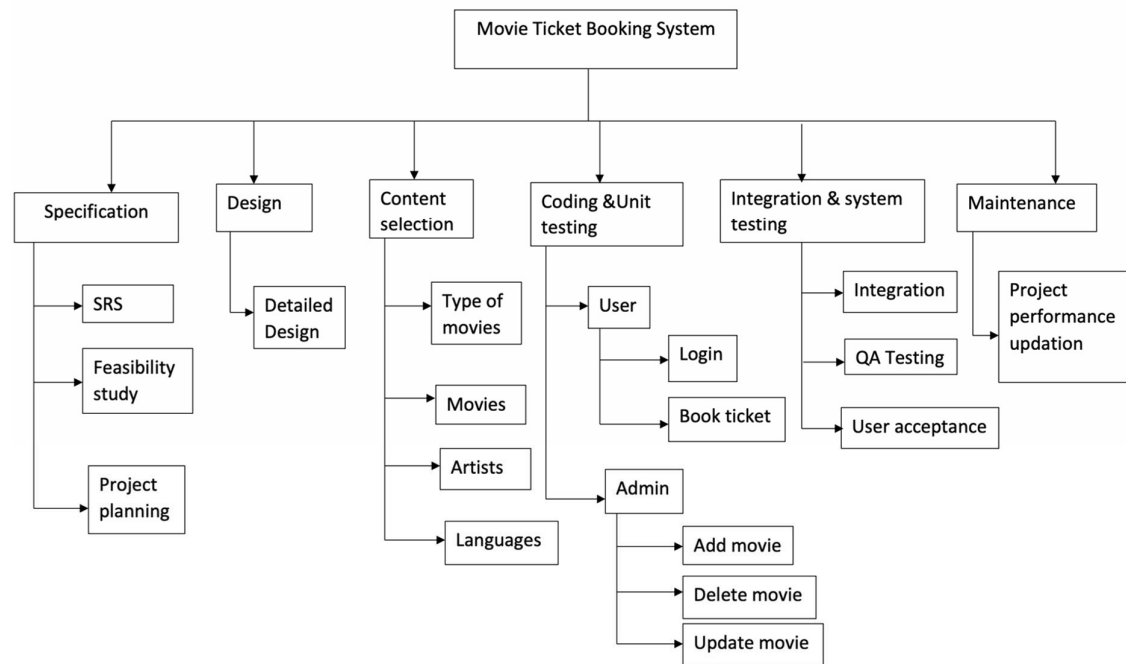
depends on the use acceptance and requirements which may vary after a period of time.

8. Roles and responsibilities: Roles refer to one's position on a team. Responsibilities refer to the tasks and duties of their particular role or job description. Employees are held accountable for completing several tasks in the workplace. This may vary as it depends on the project complexity and the updating taking place at different stages.

9. Software Development Plans: The Software Development Plan (SDP) describes a developer's plans for conducting a software development effort. The SDP provides the acquirer insight and a tool for monitoring the processes to be followed for software development. This can be reused as it includes process of implementing or updating software systems using existing software assets. The systematic reuse of these components as building blocks to create new system.

10. Software Documentations: Software documentation is written text or illustration that accompanies computer software or is embedded in the source code. The documentation either explains how the software operates or how to use it and may mean different things to people in different roles. Once the software plan is altered the software documentation should also be updated.

4. WBS



5. Rough estimate of efforts:

We would be choosing organic class with $a=2.4$, $b=1.05$, $c=2.5$, $d=0.38$ since this project deals with developing a well understood application program and the size of the development team is reasonably small.

The number of lines of code is assumed to be 2KLOC

Effort (E) = $a * (KLOC)_b = 2.4 * (2)_{1.05} = 4.97$ person-months Development

Time (Tdev) = $c * (E)d = 2.5 * (4.97)0.38 = 4.59$ months

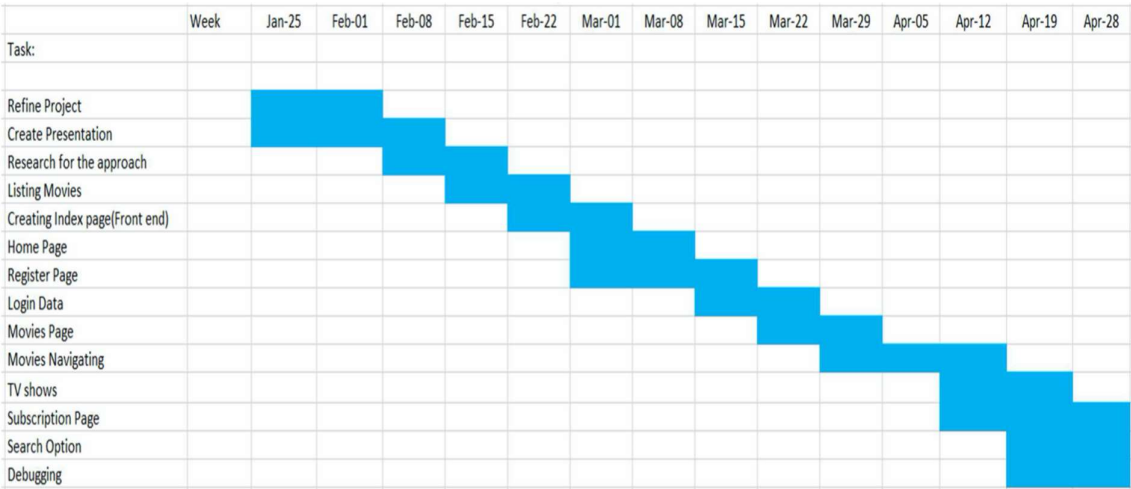
When we calculate effort and development time, then the average staff size to complete the project should be calculated as:

Average staff size (SS) = E/T_{dev} persons = $4.97/4.59 = 1.08$ persons

When the project size is calculated, then we will have to calculate productivity level

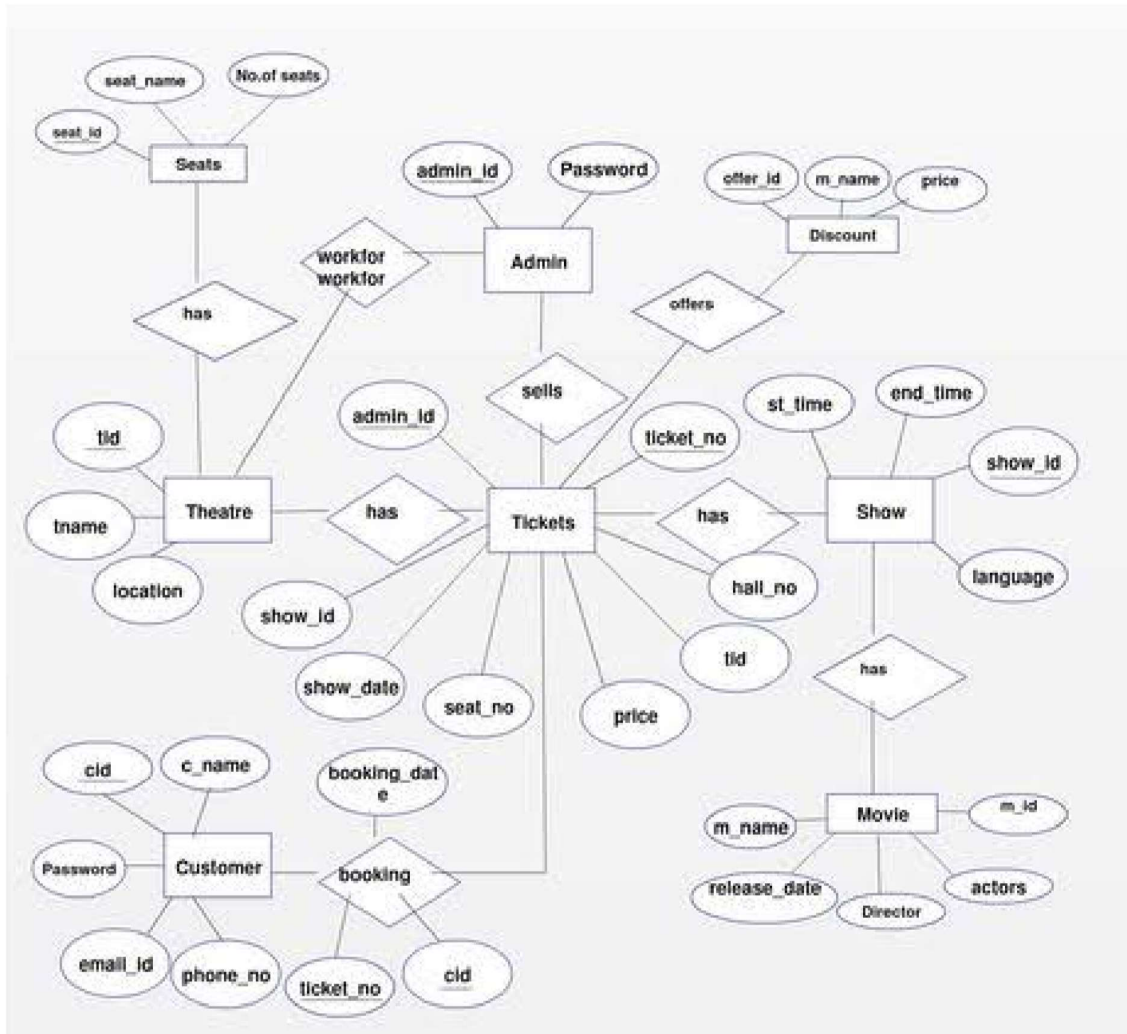
Productivity (P) = $KLOC/E = 2/4.97 = 0.402$

6. Gantt Chart for Scheduling:

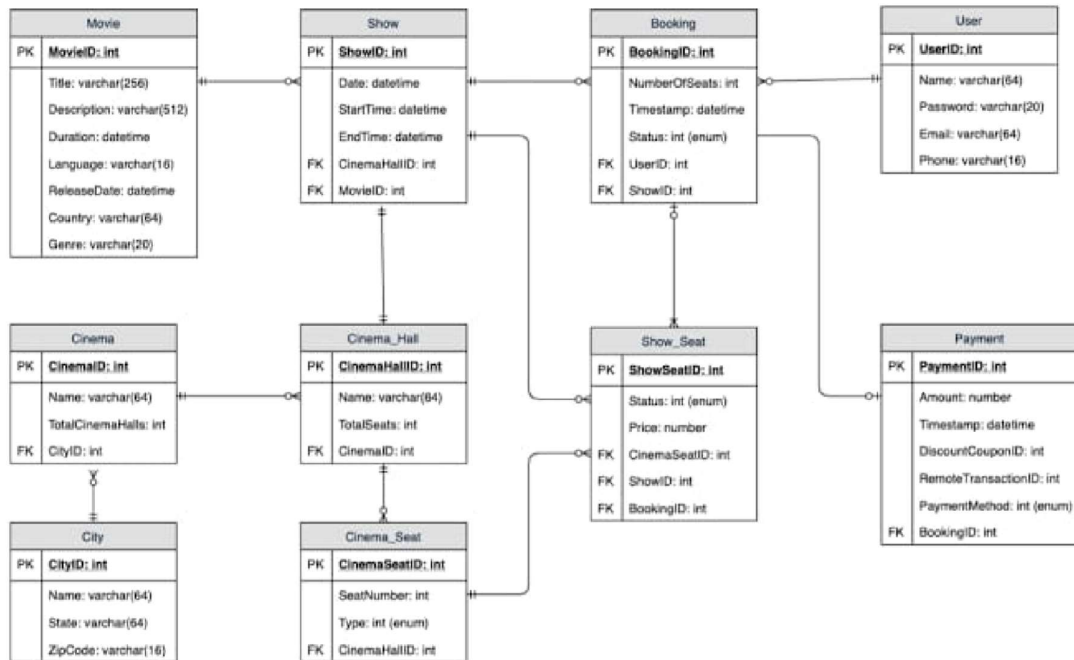


3) Design Diagrams

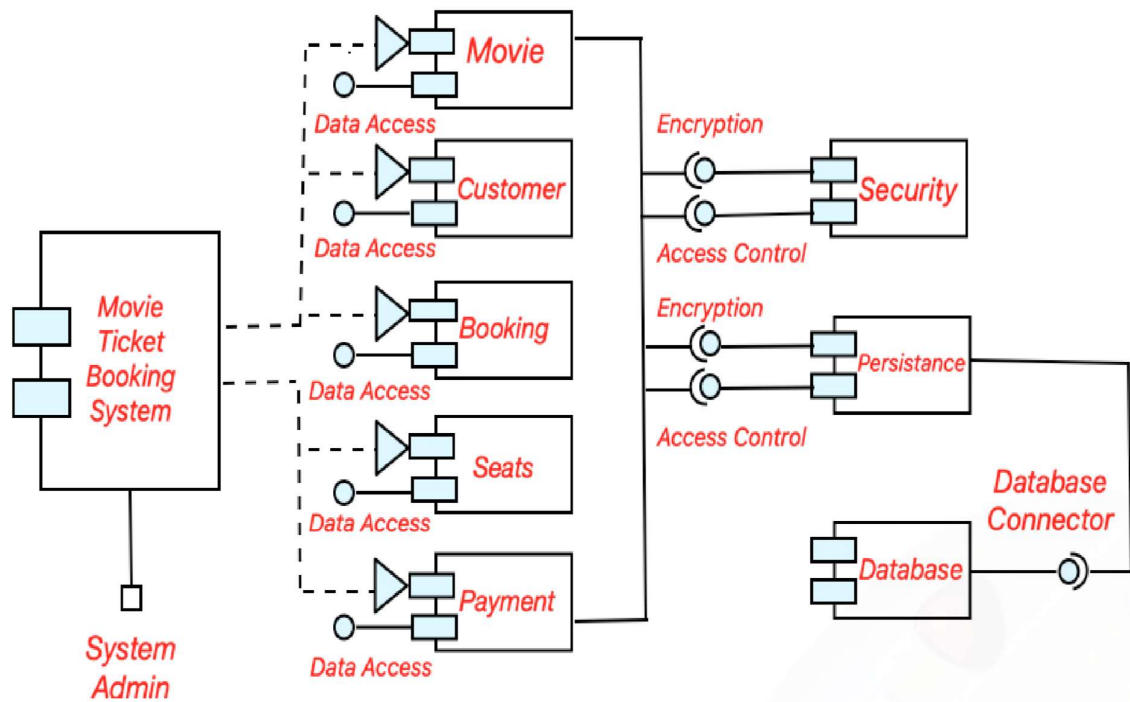
1) System Architecture Diagram:



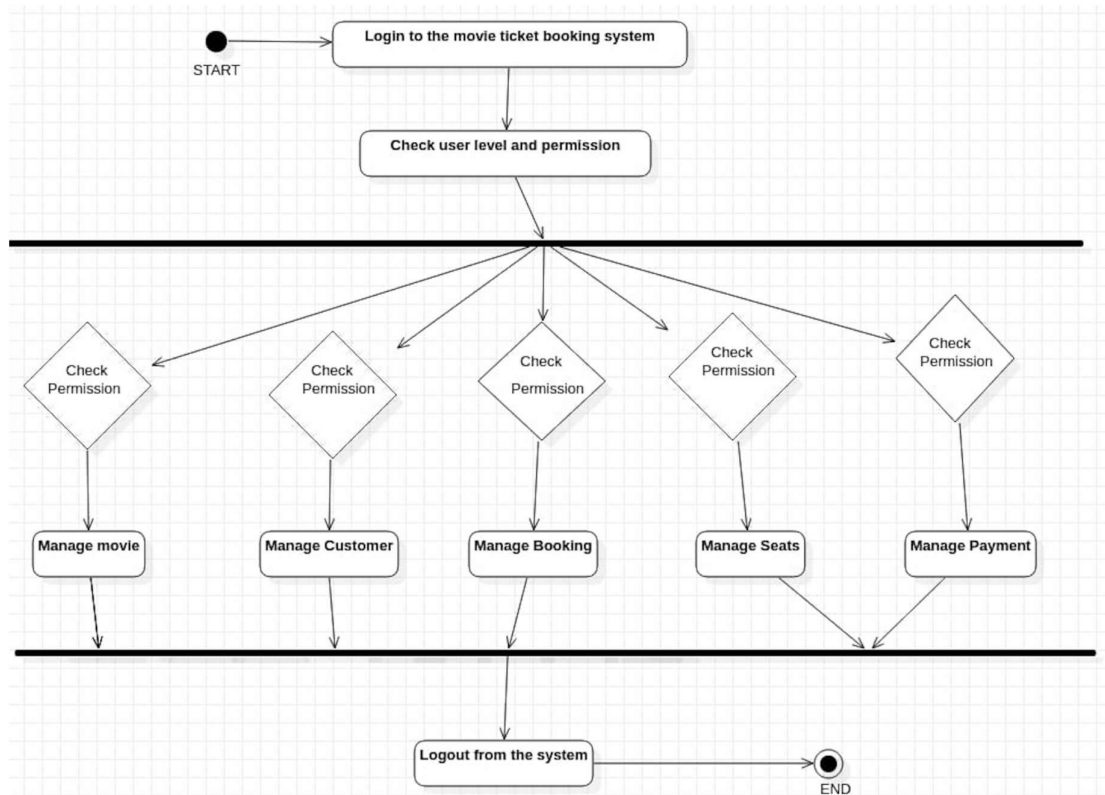
2) Class Diagram:



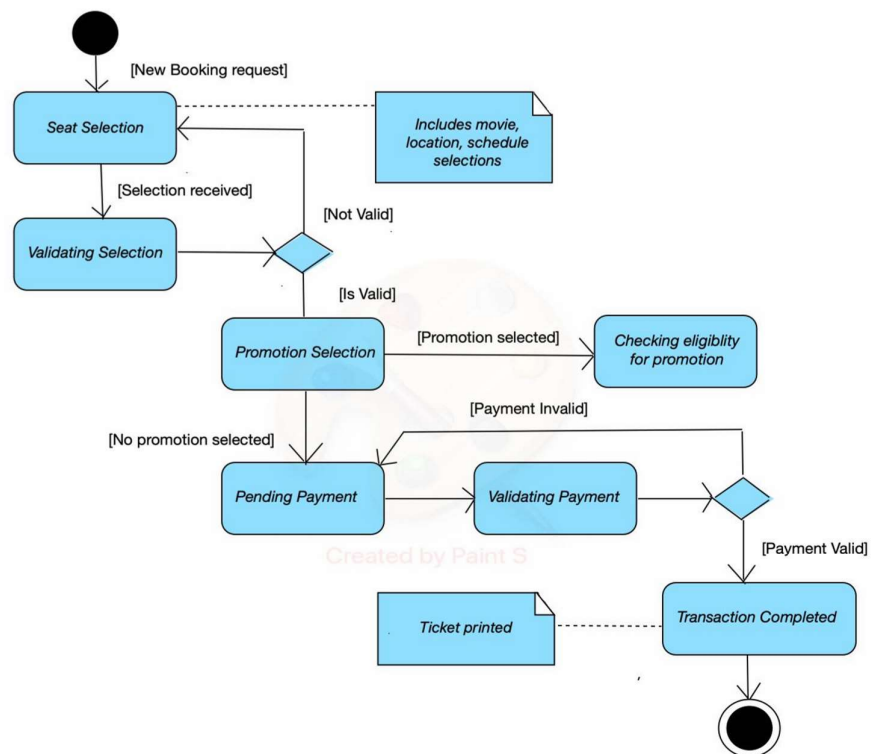
3) Component Diagram:



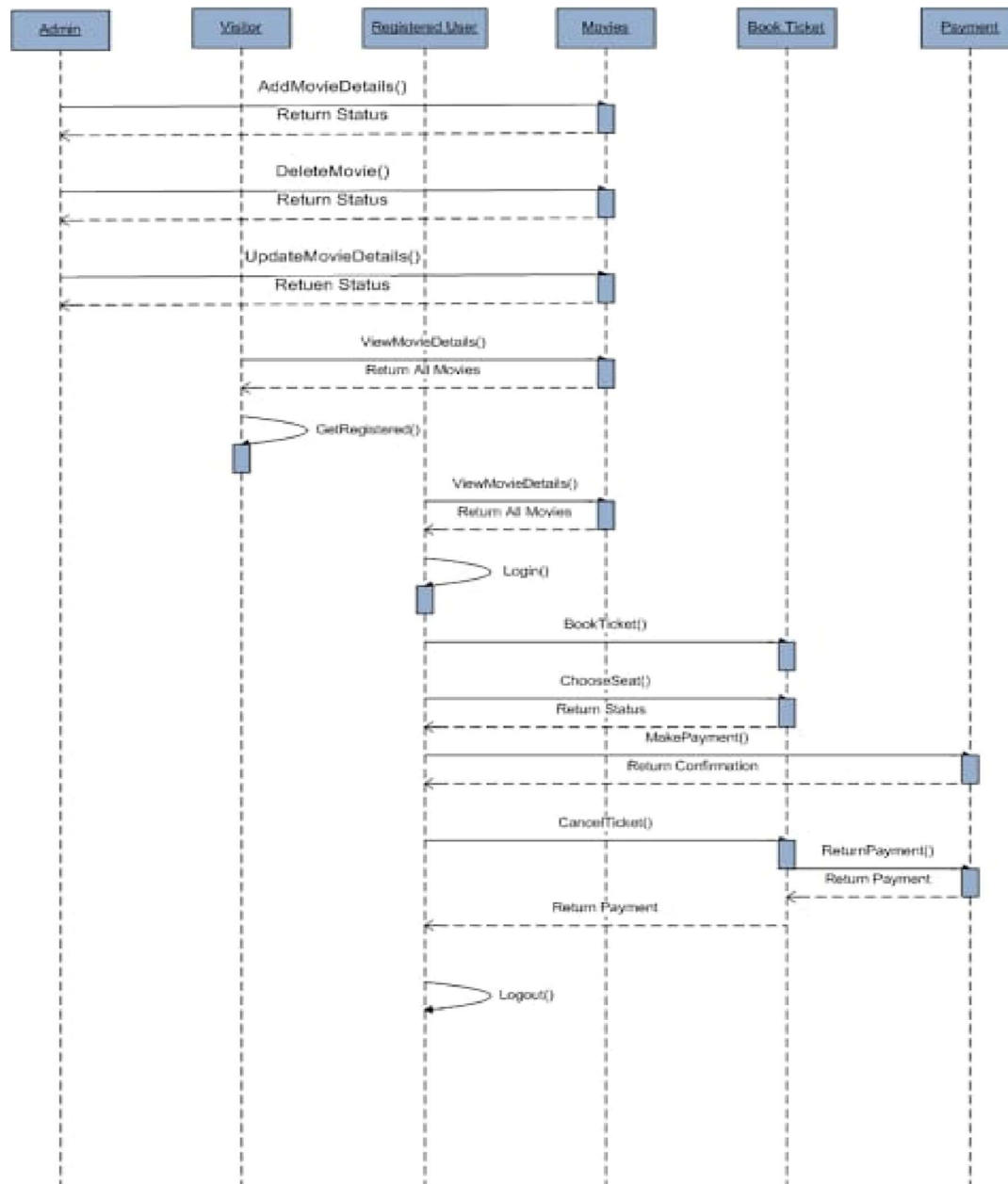
4) Activity Diagram:



5) State Diagram:



6) Sequence Diagram



4) Modular Description

4.1 Product Perspective:

This Online movie ticket booking system is a new system, there are many other onlinemovieticket booking systems but our project is not an extension or part of any other online movie ticket booking system. This website is mainly to eliminate the inconvenience caused by waiting in the line to buy tickets, then realizing the movie is already started or tickets are not available due to houseful. The major components of the over all system are follows:

1. Movie management
2. Show management
3. Seat Management
4. User Management
5. Ticket and payment Management
6. Login Management

4.2 Product Functions:

Online Movie Ticket Booking System has various features that are designed to address the needs of the user. This feature includes showing the time and availability of the tickets to purchase for on show movies, upcoming movies, live streaming within the branches. The trailers are included only for upcoming movies. The system allows the users to search a movie, to create account and enable customers to login to the system. It also helps the customer to purchase the movie ticket online and enables the customer to find purchase history. The object classes included in this system are:

- i. User class: manage all operations of the Customer
- ii. Movie class: manage all operations of the Movie
- iii. Booking class: manage all operations of Booking
- iv. Payment class: manage all operations of Payment
- v. Seat class: manage all operations of Seat
- vi. Show class: manage all operations of Show

4.3 User Classes and Characteristics

The users of this project include the administrators, end users and developers. The users have a differentiated access according to its security level and privilege. Administrators include the one who is elected and responsible for the system. End-users include the customers. Developers are responsible for the development of the website.

Administrator: An administrator is an authorized officer of the company which is concerned and knowledgeable with the definite functions/features of the system. All of the information included and displayed to the system must in compliance with the information provided and approved by him/her. The potential changes for updates must be reviewed by the administrator before releasing.

End-User: An end-user typically includes customers who meet their desired needs.

Developer: Developers include the project team who is responsible for all the functionalities and graphical user interface of the system.

4.4 Design and Implementation Constraints:

The Online Movie Ticket Booking System is a web based system run on different browsers such as Google Chrome, Mozilla Firefox and Safari. The system shall be developed using Java, HTML and Javascript. The system shall run on MySQL Database Server.

4.5 Assumptions and Dependencies:

AS-1: For the users to easy understand or explore the site. User is assumed to be aware of the terms movie, time and date.

AS-2: Cancellation of Movie Tickets is not allowed.

AS-3: Price fixed for tickets over the period of time

DE-1: All the information such as movie trailers, upcoming show, live streaming, box offices and on show movie will depend on what it is provided by movie data provider.

DE-2: User reviews: from users of other movie sites

DE-3: The user is familiar with computers, the internet and Web browsing so he/she can simply and easily navigate the site and make purchases.

DE-4: The process for Login/Sign up feature of the Online MovieTicketing System greatly depends on the database managed by the institution.

5)Test Cases

| Test Case ID | Name of Module | Test case description | Pre-conditions | Test Steps | Test data | Expected Results | Actual Result | Test Result |
|--------------|--------------------------|--|--|--|--|---|--|-------------|
| UT-01 | User registration module | To test the registration functionality | Open Login page and Click on 'Sign up' | 1: Enter Details 2: Click on 'Register' | Name: 123 Age:20 Gender:F Contact number: 9876543210 Email: 000@gmail.com Password : 1234567 Confirm Password : 1234567 | Error message should be displayed as below: The Name can only consist of alphabets | Message displayed as: The Name can only consist of alphabets | Pass |
| UT-02 | User registration module | To test the registration functionality | Open Login page and | 1: Enter Details | Name: Anu Age:20 | Error message should be | Message displayed as: | Pass |

| | | | | | | | | |
|-------|------------------------------------|--|--|--|--|--|---|------|
| | | | Click on 'Sign up' | 2: Click on 'Register' | Gender:F Contact number: 234678 Email: 000@gmail.com Password : 1234567 Confirm Password : 1234567 | displayed as below: Enter a valid Mobile Number | Enter a valid Mobile Number | |
| UT-03 | User registrati on module | To test the registration functionali ty | Open Login page and Click on 'Sign up' | 1: Enter Details 2: Click on 'Register' | Name: Anu Age:20 Gender: F Contact number: 9876543210 Email: 000@gmail.com Password : 1234567 Confirm Password : 1234567 | Error message should be displayed as below: The input is not a valid email address | Message displayed as: The input is not a valid email address | Pass |
| UT-04 | User registrati on module | To test the registration functionali ty | Open Login page and Click on 'Sign up' | 1: Enter Details 2: Click on 'Register' | Name: Anu Age:20 Gender: F Contact number: 9876543210 Email: 000@gmail.com | Error message should be displayed as below: The Password and Confirm Password | Message displayed as: The Password and Confirm Password are not the same | Pass |

| | | | | | | | | |
|-------|--------------------------|--|--|---|---|---|--|------|
| | | | | | Password : 1234567 Confirm Password : 1233567 | are not the same | | |
| UT-05 | User registration module | To test the registration functionality | Open Login page and Click on 'Sign up' | 1: Enter Details 2: Click on 'Register' | Name: Anu Age:20 Gender: F Contact number: 9876543210 Email: 000@gmail.com Password : 1234567 Confirm Password : 1234567 | Registration should be successful and redirected to Home page | Registration successful and redirected to Home page | Pass |
| UT-06 | User login module | To test the login functionality | Open Login page | 1: Enter Email id and Password 2: Click on 'Login' | User name: 000@gmail.com Password : 1234577 | Login should be fail with error message: "Login Failed!" | Login failed with the following message displayed: "Login Failed!" | Pass |
| UT-07 | User login module | To test the login functionality | Open Login page | 1: Enter Email id and Password 2: Click on 'Login' | User name: 000@gmail.com Password : 1234567 | Login should be successful and redirected to Home page | Login successful and redirected to Home page | Pass |
| UT-08 | Header | To test buttons | - | Click on 'Movies' button | - | User should be redirected | User is redirected | Pass |

| | | | | | | | | |
|-------|-----------------|-------------------------|----------------|--|---------------------------|---|--|------|
| | | | | | | to movies page | to movies page | |
| UT-09 | Header | To test buttons | - | Click on 'Home' button | - | User should be redirected to Home page | User is redirected to Home page | Pass |
| UT-10 | Header | To test buttons | - | Click on '<User Name>' button | - | User should be redirected to profile page of the user | User is redirected to profile page of the user | Pass |
| UT-11 | Header | To test buttons | - | Click on 'Logout' button | - | User should be logged out and redirected to Home page | User should be logged out and redirected to Home page | Pass |
| UT-12 | Upcoming Movies | To test Upcoming Movies | Open Home page | - | - | Upcoming movies should appear in random order everytime the page is refreshed | Upcoming movies appear in random order everytime the page is refreshed | Pass |
| UT-13 | Upcoming Movies | Trending Trailers | Open Home page | - | - | Upcoming movies should appear in random order everytime the page is refreshed | Upcoming movies appear in random order everytime the page is refreshed | Pass |
| UT-14 | Search | To test Search Bar | - | Enter the name of movie you want to search for | Name of movie: "Godzilla" | A drop list should appear with all movies containing | A drop list is shown with all movies containing | Pass |

| | | | | | | | | |
|-------|-------------------|---------------------------|--|--|-----------------------------------|---|--|------|
| | | | | | | the typed letters (here the drop list should show “Godzilla vs Kong”) | the typed letters (here the drop list shows “Godzilla vs Kong”) | |
| UT-15 | Search | To test Search Bar | Enter the name of movie you want to search for | Choose the movie you want Click on ‘Search’ | Name of movie: “Godzilla vs Kong” | All the details of the movie searched should appear (here details of the movie “Godzilla vs Kong” should be shown) | All the details of the movie searched appear (here details of the movie “Godzilla vs Kong” are shown) | Pass |
| UT-16 | Trending Trailers | To test Trending Trailers | Open Home page | - | - | Trending trailers should appear in random order everytime the page is refreshed | Trending Trailers appear in random order everytime the page is refreshed | Pass |
| UT-17 | Trending Trailers | To test Trending Trailers | Open Home page | Click on any Movie in the Trending Trailers column | Movie: Godzilla vs Kong | Trailer of the movie (in this case “Godzilla vs Kong”) should start playing | Trailer of the movie (here “Godzilla vs Kong”) starts playing | Pass |

| | | | | | | | | |
|-------|-------------------|---------------------------------|---|--|---------------------|--|---|------|
| UT-18 | Films in Theatres | To test Films in Theatres | Open Home page | Click on any Movie in the 'Films in Theatres' column | Movie: Tom & Jerry" | Should redirect to the page showing Details of the movie (in this case "Tom & Jerry") | Redirects to the page showing Details of the movie (in this case "Tom & Jerry") | Pass |
| UT-19 | Movies | To test Movies page | Open Movies page | - | - | Should display movies of all languages and also show filter option for languages | Displays movies of all languages and also shows filter option for languages | Pass |
| UT-20 | Movies | To test Movies page | Open Movies page | Click on any Movie | Movie: Saina | Should redirect to the page showing Details of the movie (in this case "Saina") | Redirects to the page showing Details of the movie (in this case "saina") | Pass |
| UT-21 | Watch Trailer | To test Trailer button | Click on 'Watch Trailer' in the movie details page(for eg. "Tom & Jerry") | Click on any Movie in the Trending Trailers column | Movie: Roohi | Trailer of the movie (in this case "Roohi") should start playing | Trailer of the movie (here "Roohi") starts playing | Pass |
| UT-22 | Show Timings | To test display of show timings | Open Movies page | Click on any Movie | Movie: Mumbai Saga | Should redirect to the page showing movie details and the theatres in which the movie is playing | Redirects to the page showing movie details and the theatres in which the movie is playing along with | Pass |

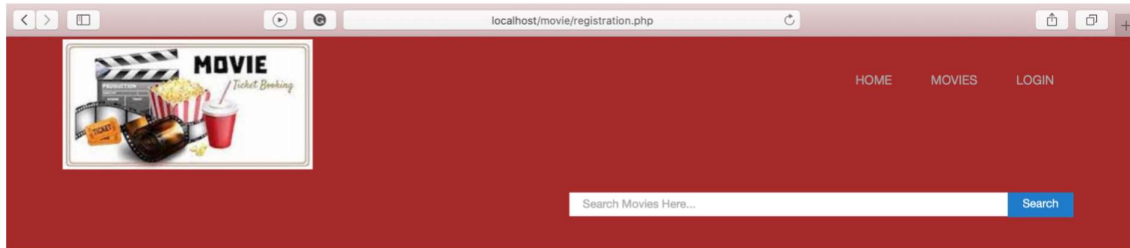
| | | | | | | | | |
|-------|-----------------|-----------------------------|--|---|--|--|---|------|
| | | | | | | along with show timings | show timings | |
| UT-23 | Language Filter | To test Language filter | Open Movies page | Choose Language: English | - | Should display only English movies | Displays only English movies | Pass |
| UT-24 | Language Filter | To test Language filter | Open Movies page | Choose Language: Hindi | - | Should display only Hindi movies | Displays only Hindi movies | Pass |
| UT-25 | Booking | To test booking of a ticket | Choose a movie | Choose Theatre and show timings as per choice | Theatre: Theatre ABC Show time: 6 pm | Should display the chosen show, provide option for choosing date and number of seats required and display price of tickets | Display the chosen show, provides option for choosing date and number of seats required and displays price of tickets | Pass |
| UT-26 | Booking | To test booking of a ticket | Enter booking page and Choose Theatre and show timings as per choice | Choose date and number of seats required | Choose date: 16/04/2021 Choose Number of seats: 3 Click on 'Book Now' | Should redirect to the Payment page | Redirects to the Payment page | Pass |
| UT-27 | Booking | To test Payment | Enter Payment page | Enter Details and Click on 'Make Payment' | Name on Card: Anu123 Card Number: 0000000000000000 Expiration date: 25/12/2021 | Error message should be displayed as below: "The Name can only | Message displayed as: "The Name can only consist of alphabets" | Pass |

| | | | | | | | | |
|-------|---------|-----------------|--------------------|---|---|---|--|------|
| | | | | | CVV: 000 Click on 'Make Payment' | consist of alphabets" | | |
| UT-28 | Booking | To test Payment | Enter Payment page | Enter Details and Click on 'Make Payment' | Name on Card: Anu Card Number: 0000000000 Expiration date: 25/12/2021 CVV: 000 Click on 'Make Payment' | Error message should be displayed as below: "The Card Number must be 16 characters long" | Message displayed as: "The Card Number must be 16 characters long" | Pass |
| UT-29 | Booking | To test Payment | Enter Payment page | Enter Details and Click on 'Make Payment' | Name on Card: Anu Card Number: 00000000000000 00 Expiration date: CVV: 000 Click on 'Make Payment' | Error message should be displayed as below: "The Expire Date is required and can't be empty" | Message displayed as: "The Expire Date is required and can't be empty" | Pass |
| UT-30 | Booking | To test Payment | Enter Payment page | Enter Details and Click on 'Make Payment' | Name on Card: Anu Card Number:0000000 0000000000 Expiration date: 25/12/2021 CVV: 1234 | Error message should be displayed as below: "The cvv must be 3 characters long" | Message displayed as: "The cvv must be 3 characters long" | Pass |


| | | | | | | | | |
|-------|---------|-----------------|--------------------|--|--|--|--|------|
| | | | | | Click on 'Make Payment' | | | |
| UT-31 | Booking | To test Payment | Enter Payment page | Enter Details and Click on 'Make Payment' | Name on Card: Anu Card Number:00000000 000000000 Expiration date: 25/12/2021 CVV: 0ab Click on 'Make Payment' | Error message should be displayed as below: "Enter a valid cvv" | Message displayed as: "Enter a valid cvv" | Pass |
| UT-32 | Booking | To test Payment | Enter Payment page | Enter Details and Click on 'Make Payment' | Name on Card: Anu Card Number:00000000 000000000 Expiration date: 25/12/2021 CVV: 000 Click on 'Make Payment' | User should be redirected to Bank page to enter OTP | User is redirected to Bank page and requested for OTP | Pass |
| UT-33 | Booking | To test Payment | Enter Payment page | Verify Payment details and Enter OTP Then Click on 'Make Payment' | OTP: 123456 | Payment should be successful with message "Booking Successfully Completed" and redirected to Profile page showing present bookings | Payment successful with message "Booking Successfully Completed" and redirected to Profile page showing present bookings | Pass |


| | | | | | | | | |
|-------|--------|-----------------|--------------------|--------------------------|---|---|--|------|
| UT-34 | Cancel | To test Cancel | Enter Profile page | Click on 'Cancel' | - | Booking should be cancelled with message "Booking Cancelled Successfully" | Booking is cancelled with message "Booking Cancelled Successfully" | Pass |
| UT-35 | Footer | To test buttons | - | Click on 'Home' button | - | User should be redirected to home page | User is redirected to home page | Pass |
| UT-36 | Footer | To test buttons | - | Click on 'Movies' button | - | User should be redirected to movies page | User is redirected to movies page | Pass |
| UT-37 | Footer | To test buttons | - | Click on 'Login' button | - | User should be redirected to login page | User is redirected to login page | Pass |


6) Screenshots of the output





Register


Name 


Age 

Select Gender 

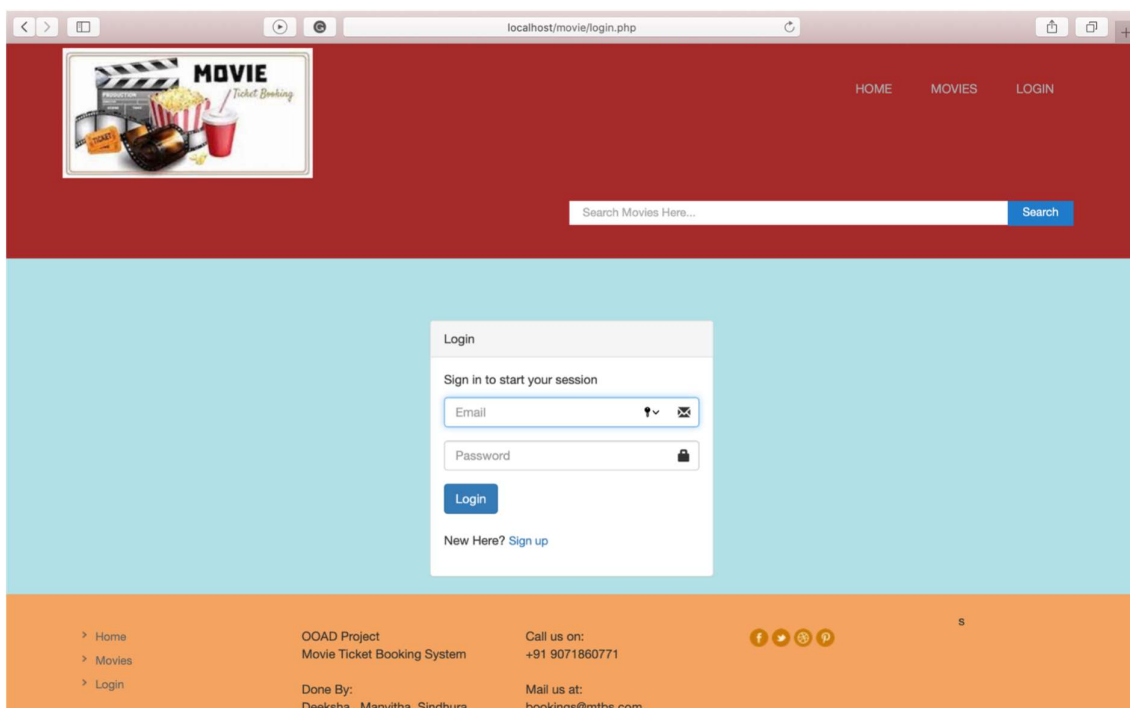
Mobile Number 

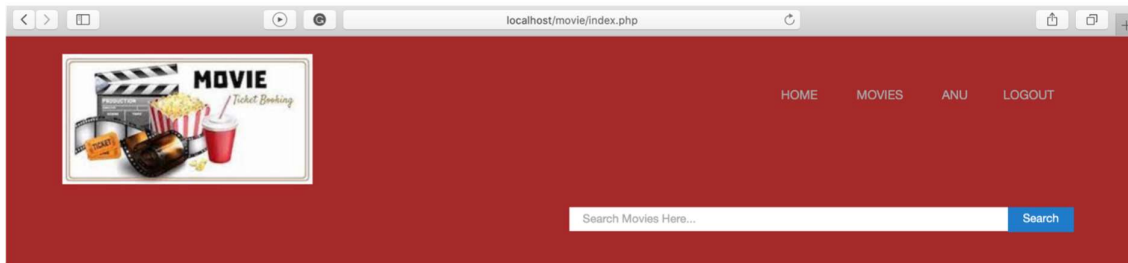
Email 

Password 

Password 

[Register](#)





Upcoming Movies



Jungle Cruise

Release Date :2021-07-29

Cast :Dwayne Johnson, Emily Blunt, Edgar Ramirez

Description: Based on Disneyland's theme park ride where a small riverboat takes a group of travelers through a jungle filled with dangerous animals and reptiles but with a supernatural element.



Gangubai Kathiawadi

Release Date :2021-07-30

Cast : Ajay Devgn, Alia Bhatt, Emraan Hashmi

Trending Trailers



Saina



Raya and the Last Dragon

Films in Theaters



Judas and the Black Messiah

Release Date:2021-03-05

Cast : Daniel Kaluuya, LaKeith Stanfield, Jesse Plemons

Description: Bill O'Neal infiltrates the Black Panther Party per FBI Agent Mitchell and J. Edgar Hoover. As Party Chairman Fred Hampton ascends, falling for a fellow revolutionary en route, a battle wages for O'Neal's soul.



Roohi

Release Date:2021-03-11

Cast :Rajkumar Rao,



Upcoming Movies



Jungle Cruise

Release Date :2021-07-29

Cast :Dwayne Johnson, Emily Blunt, Edgar Ramirez

Description: Based on Disneyland's theme park ride where a small riverboat takes a group of travelers through a jungle filled with dangerous animals and reptiles but with a supernatural element.



Gangubai Kathiawadi

Release Date :2021-07-30

Cast : Ajay Devgn, Alia Bhatt, Emraan Hashmi

Description: Gangubai Kathiawadi is an upcoming film based on a true story depicting the rise of a simple girl from Kathiawad who had no choice but to embrace the ways of destiny and swing it in her favour.



Radhe

Release Date :2021-05-13

Cast :Salman Khan,

Trending Trailers



Saina



Raya and the Last Dragon



Films in Theaters



Judas and the Black Messiah

Release Date:2021-03-05

Cast : Daniel Kaluuya, LaKeith Stanfield, Jesse Plemons

Description: Bill O'Neal infiltrates the Black Panther Party per FBI Agent Mitchell and J. Edgar Hoover. As Party Chairman Fred Hampton ascends, falling for a fellow revolutionary en route, a battle wages for O'Neal's soul.



Roohi

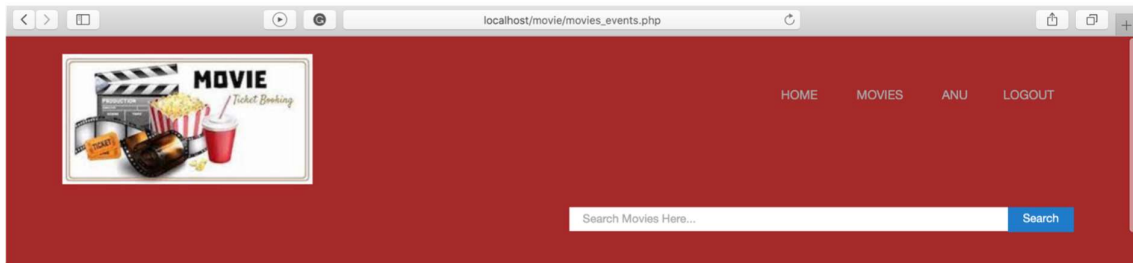
Release Date:2021-03-11

Cast :Rajkumar Rao, Janhvi Kapoor, Varun Sharma

Description: Roohi is a 2021 Indian Hindi-language comedy horror film directed by Hardik Mehta and produced by Dinesh Vijan under the banner Maddock Films. It tells the story of a ghost who abducts brides on their honeymoons.



Raag



Movies

LANGUAGES: ENGLISH HINDI



Movies

LANGUAGES: ENGLISH HINDI



Godzilla vs Kong

Cast: Alexander Skarsgard, Millie Bobby Brown, Rebecca Hall



Saina

Cast: Rohan Apte, Shubhrajyoti Barat, Parineeti Chopra



Raya and the Last Dragon

Cast: Kelly Marie Tran, Awkwafina, Gemma Chan



English Movies

LANGUAGES: ENGLISH HINDI



Godzilla vs Kong

Cast: [Alexander Skarsgard](#), [Millie Bobby Brown](#), [Rebecca Hall](#)



Judas and the Black Messiah

Cast: [Daniel Kaluuya](#), [LaKeith Stanfield](#), [Jesse Plemons](#)



Raya and the Last Dragon

Cast: [Kelly Marie Tran](#), [Awkwafina](#), [Gemma Chan](#)



Hindi Movies

LANGUAGES: ENGLISH HINDI



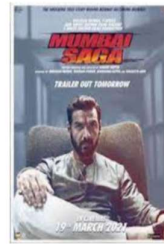
Chehre

Cast: [Divyam Agarwal](#), [Amitabh Bachchan](#), [Dhritiman Chatterjee](#)



Roohi

Cast: [Rajkumar Rao](#), [Janhvi Kapoor](#), [Varun Sharma](#)



Mumbai Saga

Cast: [John Abraham](#), [Emraan Hashmi](#), [Mahesh Manjrekar](#)



Open "localhost/movie/about.php?id=3" in a new tab

Godzilla vs Kong



Cast : Alexander Skarsgard, Millie Bobby Brown, Rebecca Hall

Release Date : 25-Mar-2021

The epic next chapter in the cinematic MonsterVerse pits two of the greatest icons in motion picture history against one another - the fearsome Godzilla and the mighty Kong - with humanity caught in the balance.

[Watch Trailer](#)

| | | | | |
|---|----------|----------|----------|----------|
| Theatre ABC, Electronic City, Bangalore | 10:00 AM | 02:00 PM | 06:00 PM | 09:00 PM |
| Theatre XYZ, Banashankari, Bangalore | 10:00 AM | 02:00 PM | 09:00 PM | |

Films in Theaters



The Mauritanian

[Release Date:2021-04-09](#)

Cast :Tahar Rahim, Nouhe Hamady Bari, Saadna Hamoud

Description: The film follows Mohamedou Ould Slahi (Rahim), who is captured by the U.S. government and is languishing in Guantanamo Bay detention camp without charge or trial. Losing all hope, Slahi finds allies in defense attorney Nancy Hollander (Foster) and her associate Teri Duncan (Woodley). Together, they face countless obstacles in a desperate pursuit for justice. Their controversial advocacy, along with fabricated evidence uncovered by formidable military prosecutor, Lt. Colonel Stuart Couch (Cumberbatch), eventually reveals a shocking and far-reaching conspiracy.



Thalaivi

[Release Date:2021-04-23](#)

Cast :Kangana Ranaut, Arvind Swamy, Bhagyashree

Godzilla vs Kong



Cast : Alexander Skarsgard, Millie Bobby Brown, Rebecca Hall

Release Date : 25-Mar-2021

The epic next chapter in the cinematic MonsterVerse pits two of the greatest icons in motion picture history against one another - the fearsome Godzilla and the mighty Kong - with humanity caught in the balance.

[Watch Trailer](#)

| | |
|--------------------------|---|
| Theatre | Theatre ABC, Electronic City, Bangalore |
| Screen | Screen 1 |
| Date | 21-Apr-2021 > |
| Show Time | 10:00 AM Noon Show |
| Number of Seats | 1 |
| Amount | Rs 75 |
| Book Now | |

Films in Theaters

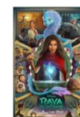


Mumbai Saga

[Release Date:2021-03-19](#)

Cast :John Abraham, Emraan Hashmi, Mahesh Manjrekar

Description: The plot of the movie is set in the era of the 80s and 90s which were marked as a transformed period of Mumbai.



Raya and the Last Dragon

[Release Date:2021-03-05](#)

Cast :Kelly Marie Tran, Awkwafina, Gemma Chan

Description: In a realm known as Kumandra, a re-imagined Earth inhabited by an ancient civilization, a warrior named Raya is determined to find the last dragon.

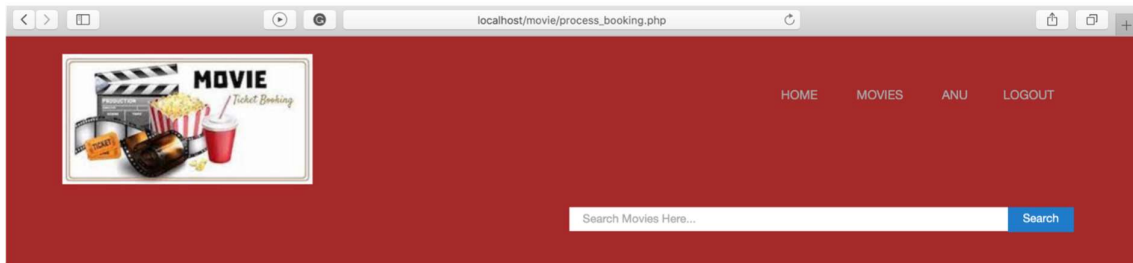


Judas and the Black Messiah

[Release Date:2021-03-05](#)

Cast : Daniel Kaluuya, LaKeith Stanfield, Jesse Plemons

Description: Bill O'Neal infiltrates the Black Panther Party per FBI Agent Mitchell and J. Edgar Hoover.



Payment

Name on Card

Card Number

Expiration date

CVV

Make Payment



BANK

| | |
|--------------------|--------------------|
| Merchant | : Shop Street |
| Transaction Amount | : INR 75 |
| Debit Card | : 0000000000000000 |

Authenticate Payment


OTP sent to your mobile number ending 0119

Enter One Time Password (OTP)

Make Payment

[Go back to merchant](#)

[Resend OTP](#)



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[LOGOUT](#)


BOOKINGS

Success!

Booking Successfully Completed


| Booking Id | Movie | Theatre | Screen | Show | Seats | Amount | |
|-------------|------------------|-------------|----------|------|-------|--------|------------------------|
| BKID8514286 | Godzilla vs Kong | Theatre ABC | Screen 1 | Noon | 1 | Rs 75 | ✓ |
| BKID2916574 | Godzilla vs Kong | Theatre ABC | Screen 1 | Noon | 1 | Rs 75 | Cancel |

Films in Theaters




Mumbai Saga
Release Date:2021-03-19
Cast :John Abraham, Emraan Hashmi, Mahesh Manjrekar

Description: The plot of the movie is set in the era of the 80s and 90s which were marked as a transformed period of Mumbai.



Godzilla vs Kong
Release Date:2021-03-25
Cast :Alexander Skarsgard, Millie Bobby Brown, Rebecca Hall

Description: The epic next



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BOOKINGS

Success!

Booking Cancelled Successfully


| Booking Id | Movie | Theatre | Screen | Show | Seats | Amount | |
|-------------|------------------|-------------|----------|------|-------|--------|---|
| BKID8514286 | Godzilla vs Kong | Theatre ABC | Screen 1 | Noon | 1 | Rs 75 | ✓ |

Films in Theaters



Judas and the Black Messiah
Release Date:2021-03-05
Cast : Daniel Kaluuya, LaKeith Stanfield, Jesse Plemons

Description: Bill O'Neal infiltrates the Black Panther Party per FBI Agent Mitchell and J. Edgar Hoover. As Party Chairman Fred Hampton ascends, falling for a fellow revolutionary en route, a battle wages for O'Neal's soul.



Mumbai Saga
Release Date:2021-03-19
Cast :John Abraham.

Safari File Edit View History Bookmarks Develop Window Help

localhost/phpmyadmin/db_structure.php?db=db_movie

OOAD_SE report.docx - Google Docs

localhost / localhost / db_movie / tbl_news | phpMyAdmin 4.9.1

Server: localhost Database: db_movie

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking More

Filters

Containing the word:

| Table | Action | Rows | Type | Collation | Size | Overhead |
|---|--------|------|--------|--------------------|----------|----------|
| <input type="checkbox"/> tbl_bookings | | 7 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_contact | | 0 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_english | | 6 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_hindi | | 6 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_login | | 20 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_movie | | 12 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_news | | 3 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_registration | | 6 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_screens | | 4 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_shows | | 25 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_show_time | | 13 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| <input type="checkbox"/> tbl_theatre | | 13 | InnoDB | latin1_swedish_ci | 16 K.iB | - |
| 12 tables | Sum | 115 | InnoDB | utf8mb4_general_ci | 192 K.iB | 0 B |

☐ Check all With selected:

Print Data dictionary

Console

Press Ctrl+Enter to execute query

>

Safari File Edit View History Bookmarks Develop Window Help

localhost/phpmyadmin/sql.php?db=db_movie&table=tbl_movie&pos=0

OOAD_SE report.docx - Google Docs

localhost / localhost / db_movie / tbl_news | phpMyAdmin 4.9.1

Server: localhost Database: db_movie Table: tbl_movie

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 11 (12 total, Query took 0.0009 seconds.)

SELECT * FROM `tbl_movie`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

| | movie_id | t_id | movie_name | cast | desc | release_date | image | video_url | status |
|--------------------------|----------|------|--------------------------|---|--|--------------|--------------------|------------------------------|--------|
| <input type="checkbox"/> | 1 | 3 | Godzilla vs Kong | Alexander Skarsgard, Millie Bobby Brown, Rebecca H... | The epic next chapter in the cinematic Monsters... | 2021-03-25 | images/gvk.jpg | https://youtu.be/odM92ap8_c0 | 0 |
| <input type="checkbox"/> | 2 | 3 | Saina | Rohan Apte, Shubhrajyoti Barat, Parineeti Chopra | The story of Saina Nehwal, a professional badminto... | 2021-03-26 | images/saina.jpg | https://youtu.be/55XTHZIW4 | 0 |
| <input type="checkbox"/> | 3 | 3 | Raya and the Last Dragon | Kelly Marie Tran, Awkwafina, Gemma Chan | In a realm known as Kumandra, a re-imagined Earth ... | 2021-03-05 | images/raya.jpg | https://youtu.be/1VIZ89FEjYI | 0 |
| <input type="checkbox"/> | 4 | 3 | Chehre | Divyam Agarwal, Amitabh Bachchan, Dhritiman Chatte... | Amitabh Bachchan has started filming mystery thrill... | 2021-04-30 | images/chehre.jpg | https://youtu.be/NGlcDRVDUs8 | 0 |
| <input type="checkbox"/> | 5 | 3 | Tom & Jerry | Chloë Grace Moretz, Michael Peña, Colin Jost | A chaotic battle ensues between Jerry Mouse, who h... | 2021-02-26 | images/tom.jpg | https://youtu.be/fqqEYc19538 | 0 |
| <input type="checkbox"/> | 6 | 3 | Mumbai Saga | John Abraham, Emraan Hashmi, Mahesh Manjrekar | The plot of the movie is set in the era of the 80s... | 2021-03-19 | images/mumbai.jpg | https://youtu.be/YTGO38DlSc | 0 |
| <input type="checkbox"/> | 7 | 3 | The Courier | Benedict Cumberbatch, Merab Ninidze, Rachel Brosna... | Cold War spy Greville Wynne and his Russian source... | 2021-03-19 | images/courier.jpg | https://youtu.be/S-tqeQubztE | 0 |

Console

Press Ctrl+Enter to execute query

>SELECT * FROM `tbl_movie`

>