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Student Reference Number: 10952523

Module Code: PUSL2024	Module Name: Software Engineering 2
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Coursework Title: Report of Coursework – ABC Cinemas	
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Deadline Date: 26/12/2024	Member of staff responsible for coursework: Prof. Chaminda Wijesinghe
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Programme: BSc (hons) Software Engineering
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Please note that University Academic Regulations are available under Rules and Regulations on the University website www.plymouth.ac.uk/studenthandbook.

Group work: please list all names of all participants formally associated with this work and state whether the work was undertaken alone or as part of a team. Please note you may be required to identify individual responsibility for component parts.

10952523 – Jayawardena Kavinda :- Login, About Us Pages, Servlets / Report

10952463 – Dulaj Hewage :- Home, Seat Reservations, Payment Pages, Servlets / Report

10952470 – Unagollage Wijesinghe :- Movies, Buy Tickets, Signup Pages, Servlets / Report

10952565 – Pathiranage Didula Theekshana :- Location Page / Report

10952545 – Witharamalage Sirimewan :- Terms&Conditions, Privacy, Deals Pages / Report

10953075 – Duwage Perera :- Contact Us Page, Feedback / Report

10953214 – Suwanda Akarsha :- Deals Page

We confirm that we have read and understood the Plymouth University regulations relating to Assessment Offences and that we are aware of the possible penalties for any breach of these regulations. We confirm that this is the independent work of the group.

Signed on behalf of the group:

Individual assignment: ***I confirm that I have read and understood the Plymouth University regulations relating to Assessment Offences and that I am aware of the possible penalties for any breach of these regulations. I confirm that this is my own independent work.***

Signed :

Use of translation software: failure to declare that translation software or a similar writing aid has been used will be treated as an assessment offence.

I *have used/not used translation software.

If used, please state name of software.....

Overall mark _____ %

Assessors Initials _____

Date _____

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UNIVERSITY**



PUSL 2024

Software Engineering – 02

Report of the Coursework

ABC Cinemas

Group - I

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a) Introduction

ABC Cinemas is an enhanced online movie ticket booking system that is supposed to bring the audience a more comfortable experience. Users can easily navigate on the Movies list to see the list of Movies, view the showtimes, choose their favourite seat positions and purchase tickets online from our platform.

The included features easy to use like, the real time seat availability, the payment options, and the recommended seat options to make the movie watching even more exciting. Established to be reliable, accessible and technically advanced, ABC Cinemas targets at the revolution of how the audience engages with the most popular Movies by using of various technologies like Imax, Dolby Atmos, etc on various locations.

Most importantly this platform already consists of multiple payment options like Credit, Debit cards and PayPal Payment. To improve user friendly service users can receive their online tickets to their Emails and create their own user accounts on this platform. ABC Cinemas delivers superior ticketing experience for any movie, Hollywood, Bollywood or Sinhala movie, making it easier for all movie fans out there.

b) Identified Processes in ABC Cinemas

These are the key processes of developing ABC Cinemas website that ensure a seamless user interface, experience and functional design,

1. Navigation bar, Footer and layout designs.

- Objective :- Design a structured Navigation bar and a Footer design to interconnect all the pages such as Home, Movies, Deals, Locations, About Us, Contact Us, Terms and Customer Feedback.
- Process :- Using Html, Java Script and CSS (inline / external – style.css) codes to customize them and using front-end frameworks like Bootstrap to fully responsive.
- Purpose :- Provides users an eye catching design and ensure a well organized layout for smooth navigation through the entire website.
- Flow :- Navigation bar and the footer will redirect the user to pages that user willing to hit.

2. Home Page content Integration.

- Objective :- Users can easily book most popular movies, view coming soon movies and giving users a structural idea about our whole website.
- Process :- Html, CSS (style.css) and using JS create to some functions like Pre loader, Scroll Up button, Coming Soon image slider, etc.
- Purpose :- As the first displaying page of the website, giving the users a better idea and improve the user experience from the start point.
- Flow :- By hitting the related button or the linked text user will direct to it's page.

3. Movies Page and Buy Tickets Page flow.

- Objective :- These pages include all the Movies of our website have. Users can search or select a movie then users hit on the Book Now button and it will direct to the Seats selections.
- Process :- Html, CSS (Movies.css / Buy.css) and use of the JS codes to create the functionality of the search bars in the each page.
- Purpose :- These Pages are the main executions of the website. Users need to search or select any movie by their likes and Book it smoothly. Needs to have a better execution.
- Flow :- Buy hitting Book Now button under the movie that user wants to book, will direct the user to the seats selecting page under the selected movie title.

4. Date, Time and Seats Selecting Page.

- Objective :- Date and Time selection then need to build a quality design for seats selecting.
- Process :- Html, CSS (seats.css) and using some JS to creation of the seats selection. And use JS to avoid booking collisions. Creation of Available, Selected, Booked seats creation.
- Purpose :- One of the main function of our website that user needs to book their favorite seat positions and Dates, Times under the selected movie without any booking inconvenience.
- Flow :- After selecting user's Date, Time and number of seats then user has to click on the Book button. Then it will direct the user to Payment page user the selected Movie title and other selected Movie details.

5. Payment Page with multiple methods.

- Objective :- Needs to build a quality online payment page with multiple payment methods specially with PayPal payment.
- Process :- Html, CSS (payment.css) and use of JS to create the prompt boxes about payments. Specially need of JS codes to add PayPal sandbox configuration.
- Purpose :- Another main function that users are very aware of our website. Users need use their own online payment methods as their willing.
- Flow :- After agreeing to our terms user can pay by user's favorite payment method.

6. Customer feedback system on the Contact Us page.

- Objective :- Visualization of the Customer feedback system is essential for this website. And the contact methods of the ABC Cinemas.
- Process :- Html, CSS (contactUs.css) and JS to create functions to connect Email apps of the user's devices and the mobile apps too by pick an app prompt boxes. And need using JS for star rating system of feedbacks.
- Purpose :- For visualization of Customer feedback system to get managerial decisions. And if a user needs to contact ABC Cinemas via an Email or on Phone need to build these functionalities.

7. Deals & Offers, Locations, About Us, Terms and Privacy Pages.

- Objective :- Include important information of our Online movie ticket booking website like Discounts, Theatre locations, About ABC Cinemas, Terms & Conditions and Privacy Policies.
- Process :- Html, CSS (separate .css file to each page) and JS codes to create some functionalities to improve user experience.
- Purpose :- Users can view these details by viewing these pages and have their decisions freely. Need these pages attract fully so that users need to search more.

8. PayPal Sandbox Configuration.

- Objective :- More user friendly with users by multiple payment methods like PayPal.
- Process :- Creating PayPal developers account and then creating a sandbox account.
- Purpose :- When a user clicks on the PayPal button on the payment page it will direct the user to a new window that user can login to their PayPal private account. After user clicking Complete Purchase, the amount of Booked movie paid successfully message will display.

9. Login and Signup.

- Objective :- Login to already registered customers and Signup for new customers to get a new user accounts.
- Process :- Html, CSS (login.css) and JS codes to change the toggles between Login and Signup.
- Purpose :- Protect the User's data like previous Bookings and have more features like some Deals & Offers are activating for logged users.

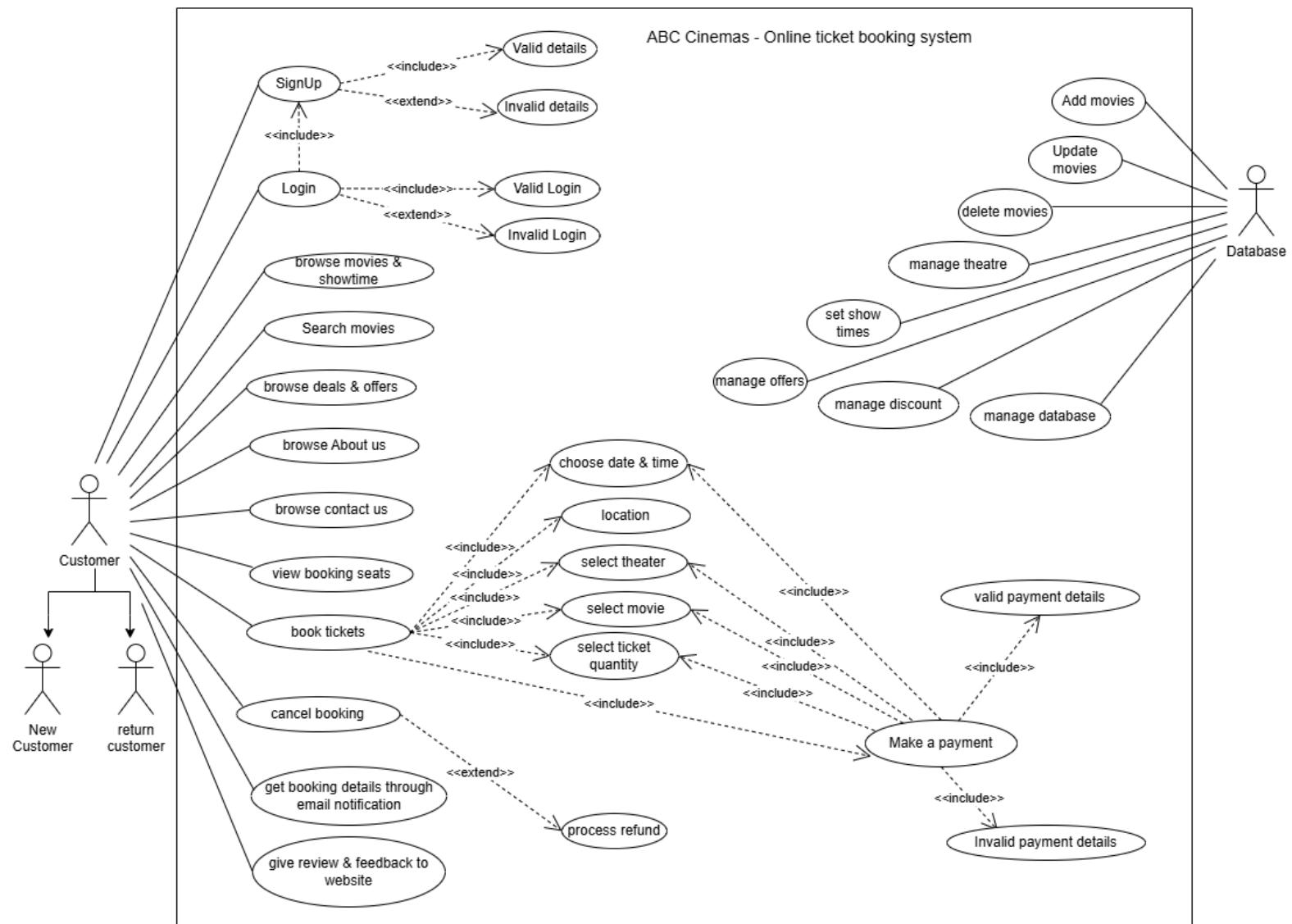
10. Email Notification System.

- Objective :- After completing of the payment user will receive an Email Notification that user was completed the payment. User have to enter a valid Email address.
- Process :- Using SMTP server properties and adding an Email address with two-factor authentication (to get the passkey) are the main sessions.
- Purpose :- To improve more user friendly experience with the user when he/she make the payment to user's selected movie.

11. Database connections with Servlet.java

- Objective :- To execute the above important functional processes admins have to build connections with the database and the project using MySQL Workbench.
- Process :- Using servlet files admin build the connections to execute the Email notification system, Customer feedback gathering system, Manage Movies and Manage Login and Signup sessions.
- Purpose :- To gather and manage the data in a clear and specific manner. And to improve more user friendly experience with new users.

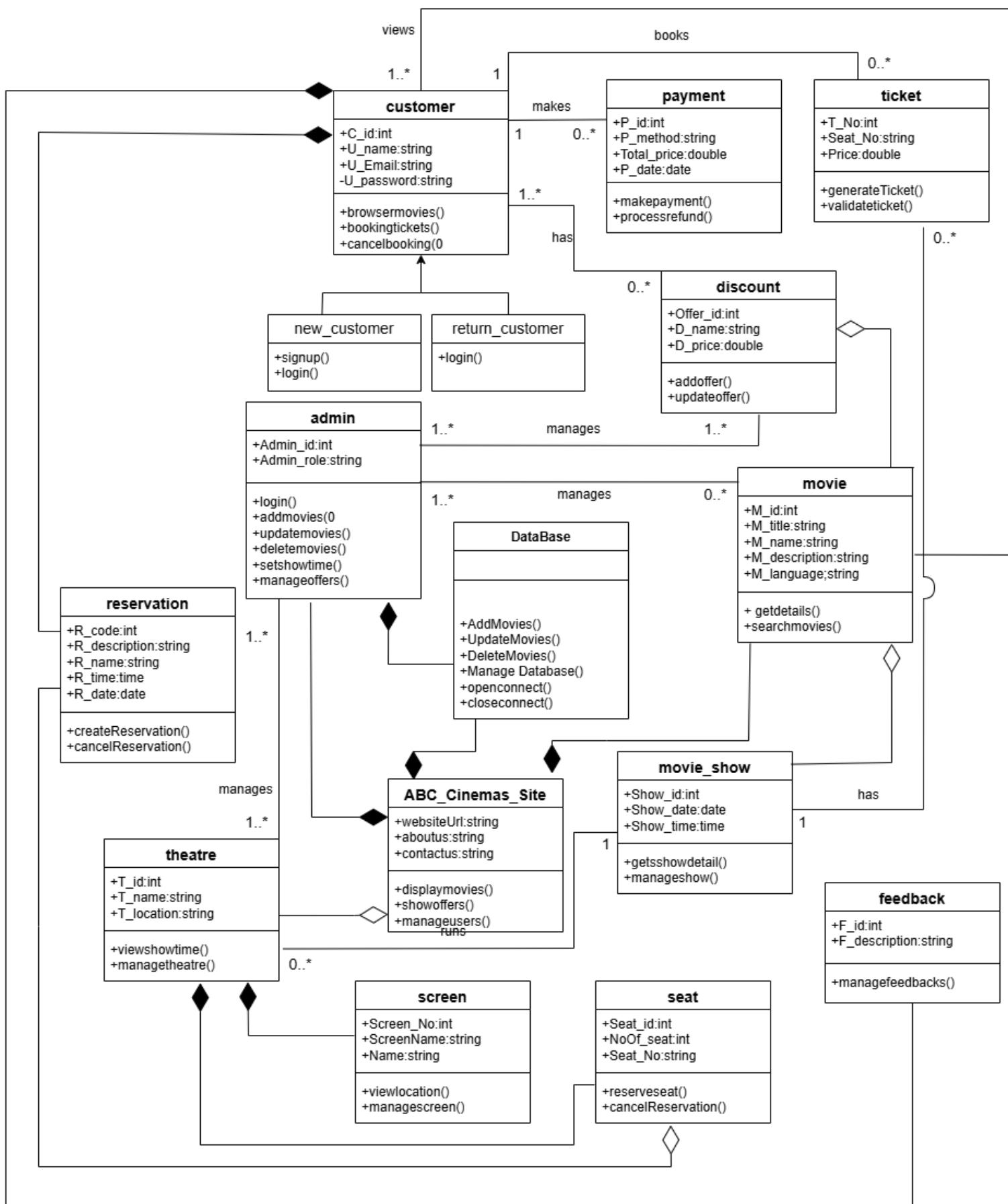
c) Use Case Diagram



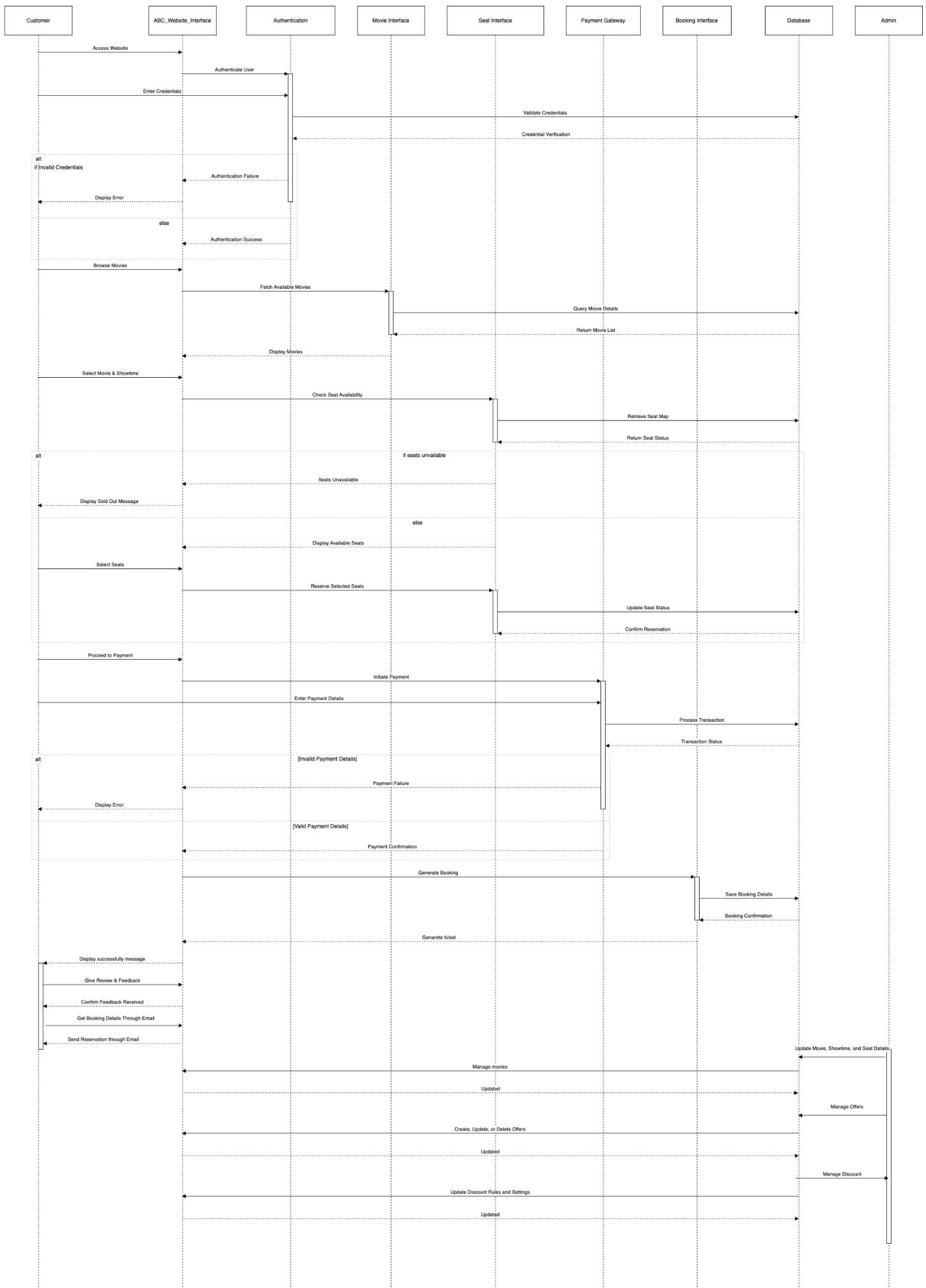
- **Narrations**

Use Case :	Online Movie Ticket Booking System – ABC Cinemas
Actor(s) :	Customer / Database
Description :	Allows user to select a movie, date, time and seat(s) then proceed to payment.
Pre-Condition :	User is on the Home Page or Movies Page or Buy Tickets Page.
Trigger :	User clicks on a “Book Now” button on any of 3 pages.
Main Flow :	<ol style="list-style-type: none"> 1. User selects a page (Home, Movies, Buy Tickets). 2. User selects a Movie and clicks on the Book Now button. 3. User will direct to the selection page. 4. User selects a date, a time and seat(s) under selected movie title and clicks on Book button. 5. User will direct to the payment page. 6. User selects the payment method and clicks on Pay Now button. 7. User will receive a Payment Successful Email.
Alternate Flow :	If the payment fails user will allows to try again.
Post-Condition :	<ol style="list-style-type: none"> 1. Users will receive an Email of a receipt. 2. Users can change their payment transaction history for payment done. (PayPal / Card Payment) 3. Admin can check the transaction history that the payment was received. (PayPal / Card Payment)
Assumptions :	<ol style="list-style-type: none"> 1. User needs to have a valid Email address. 2. User needs to have a balanced payment method. 3. Selecting seats need to be Available. 4. Selected seats need to be Booked.
Comments :	<ol style="list-style-type: none"> 1. Payment Methods need to be working properly, especially PayPal configuration. 2. Avoid seats booking collisions. 3. Email notification systems. 4. Cancelling options.

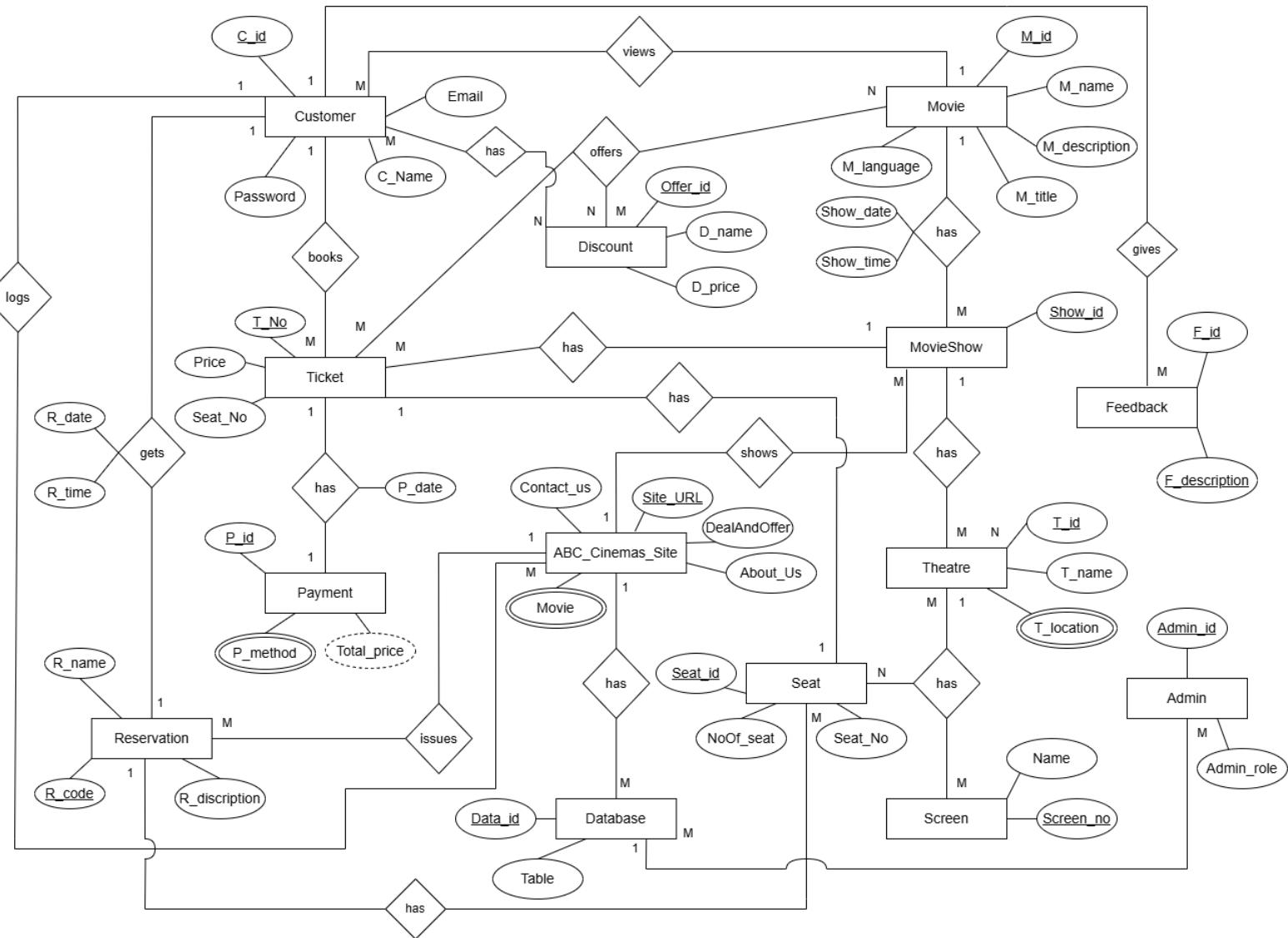
d) Class Diagram



e) Sequence Diagram

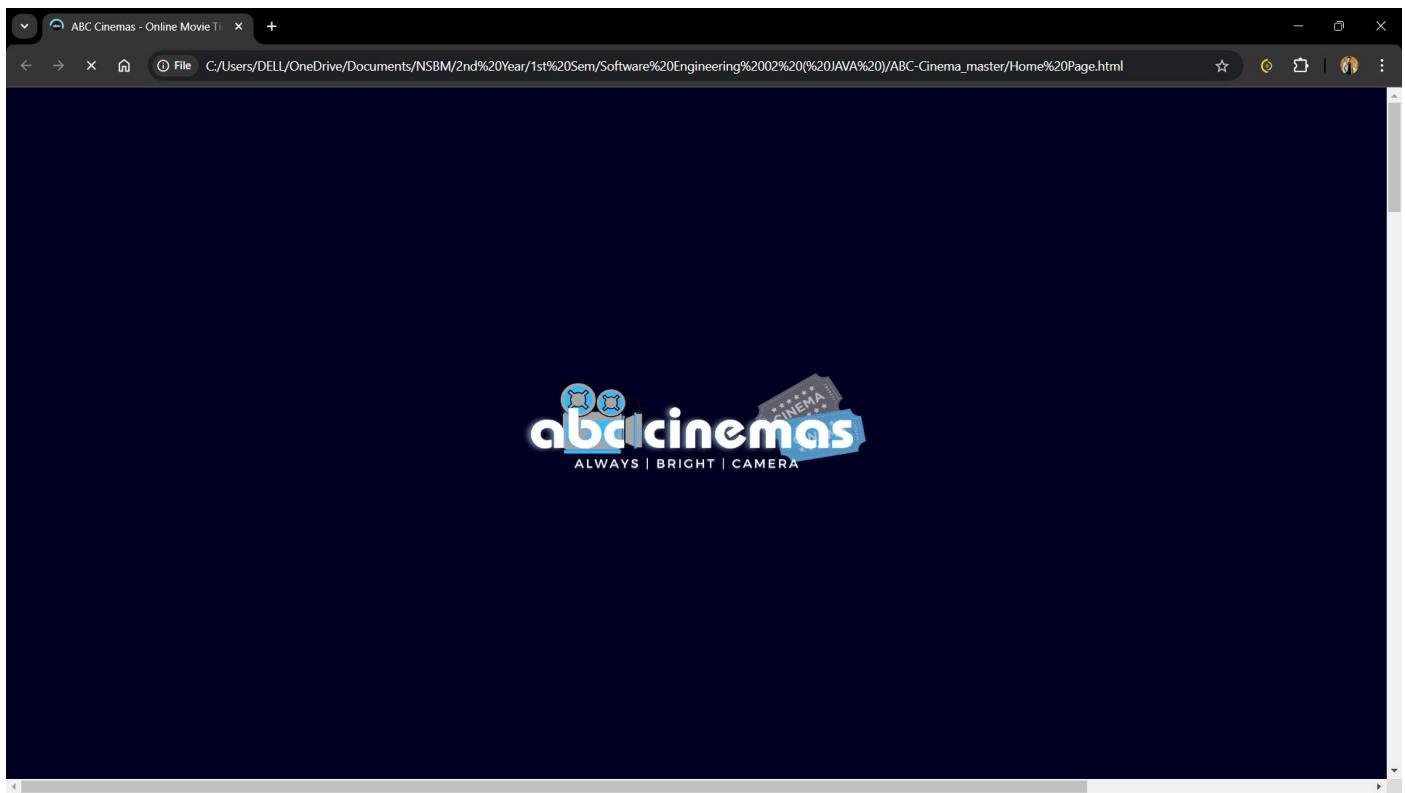


f) Entity Relationship Diagram (ER)

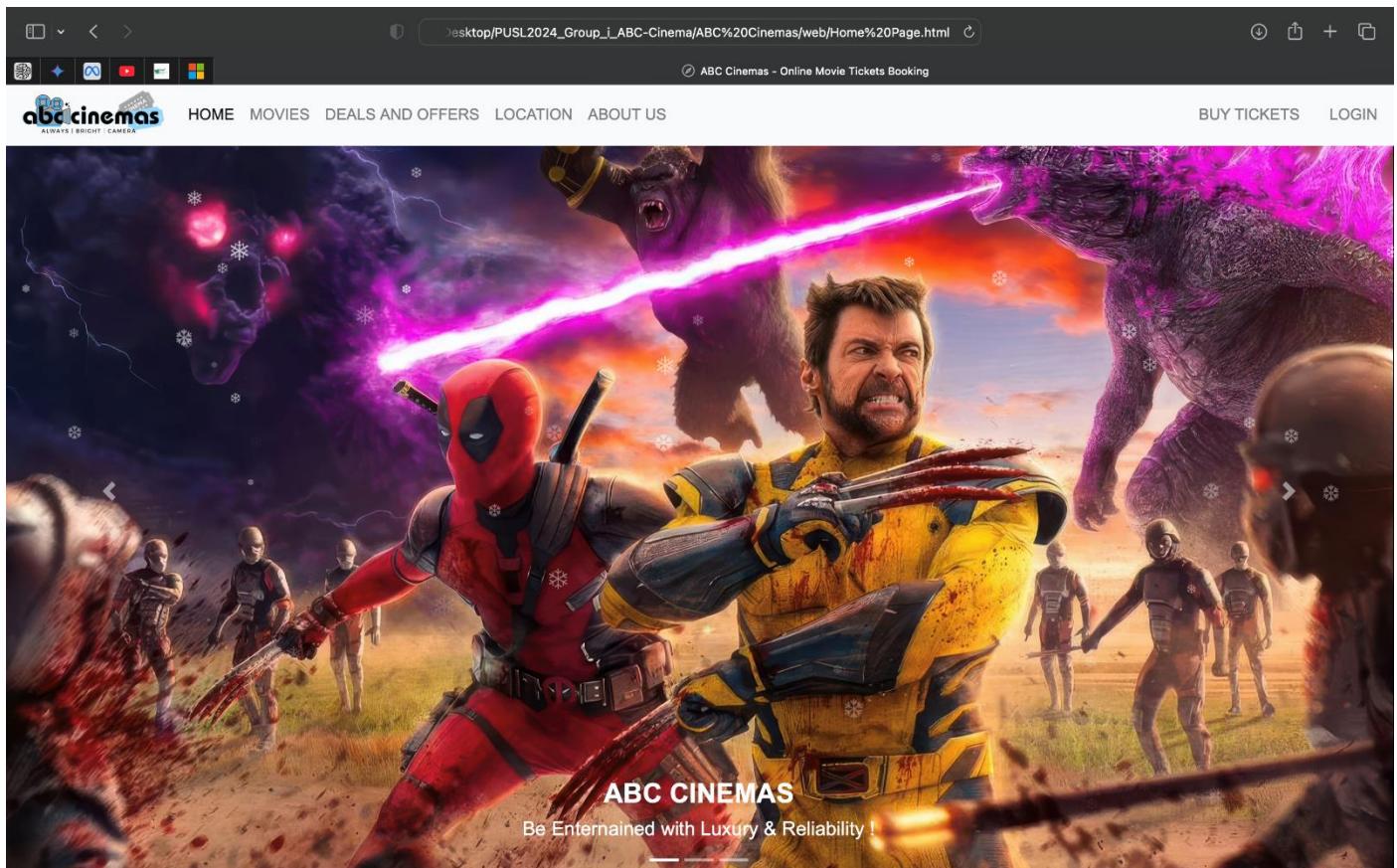


g) Samples of Developed System – ABC Cinemas

1. Home Page



Pre Loader of the website

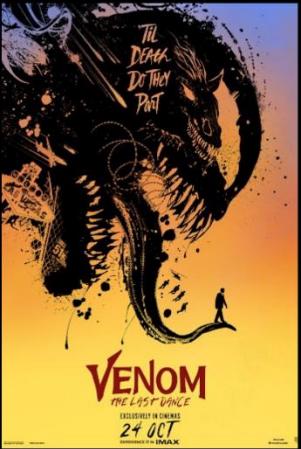


Desktop/PUSL2024_Group_i_ABC-Cinema/ABC%20Cinemas/web/Home%20Page.html

ABC Cinemas - Online Movie Tickets Booking

HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US BUY TICKETS LOGIN

NOW SHOWING - MOST POPULAR



VENOM: THE LAST DANCE

Eddie and Venom are on the run. Hunted by both of their worlds and with the net closing in, the duo are forced into a devastating decision that will bring the curtains down on Venom and Eddie's last dance.

[BOOK NOW](#)



WILD ROBOT

After a shipwreck, an intelligent robot called Roz is stranded on an uninhabited island. To survive the harsh environment, Roz bonds with the island's animals and cares for an orphaned baby goose.

[BOOK NOW](#)



RED ONE

After Santa Claus "The Red One" is kidnapped, the North Pole's Head of Security must team up with the world's most infamous bounty hunter in a globe-trotting, action-packed mission to save Christmas.

[BOOK NOW](#)



IT ENDS WITH US

Lily overcomes a traumatic childhood to embark on a new life. A chance meeting with a neurosurgeon sparks a connection but Lily begins to see sides of him that remind her of her parents' relationship.

[BOOK NOW](#)

Desktop/PUSL2024_Group_i_ABC-Cinema/ABC%20Cinemas/web/Home%20Page.html

ABC Cinemas - Online Movie Tickets Booking

HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US [VIEW ALL MOVIES](#) BUY TICKETS LOGIN

COMING SOON



GLADI

ONLY IN NOVEMBER



Sonic the Hedgehog 2



ABC Cinemas - Online Movie Ti +

File C:/Users/DELL/OneDrive/Documents/NSBM/2nd%20Year/1st%20Sem/Software%20Engineering%2002%20(%20JAVA%20)/ABC-Cinema_master/Home%20Page.html

abc Cinemas HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US BUY TICKETS LOGIN

DEALS & OFFERS



ABC Christmas!
Celebrate this Christmas with ABC Cinemas.
Enjoy 10% discount on all movies. This is only till 28th of December.

[MORE DEALS & OFFERS](#)

ABC Cinemas - Online Movie Ti +

localhost:8083/ABCCINEMA/index.jsp

abc Cinemas HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US BUY TICKETS LOGIN

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Feedback
Digital (2d), (3d)
Gold (2d), (3d)
Atmos Dolby (2d), (3d)
Imax (2d), Imax (3d)
New **MAX** Experience

Buy Tickets
Movies
All Deals
Contact Us
Privacy Policies
Terms & Conditions

abc Cinemas ALWAYS | BRIGHT | CAMERA

[@](#) [f](#) [X](#)

• Codes of the Home Page

eclipse-workspace - ABCCINEMA/src/main/webapp/index.jsp - Eclipse IDE

```

1 <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2 pageEncoding="ISO-8859-1"%>
3 <!DOCTYPE html>
4 <html lang="en">
5 <head>
6   <meta charset="utf-8">
7   <meta http-equiv="X-UA-Compatible" content="IE=edge">
8   <meta name="viewport" content="width=device-width, initial-scale=1">
9   <title>ABC Cinema - Online Movie Tickets Booking</title>
10  </head>
11  <link href="css/bootstrap-4.1.css" rel="stylesheet">
12  <!-- My CSS File -->
13  <link href="css/style.css" rel="stylesheet" type="text/css">
14  <link rel="icon" type="image/png" href="images/title_image.png">
15  </head>
16  <body>
17
18
19  <nav class="navbar navbar-expand-lg navbar-light bg-light"> <a class="navbar-brand" href="index.jsp"> </a>
20  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation"> <span class="sr-only">(current)</span> </button>
21  <div class="collapse navbar-collapse" id="navbarSupportedContent">
22    <ul class="navbar-nav mr-auto">
23      <li class="nav-item active"> <a class="nav-link" href="index.jsp#HOME" >HOME <span class="sr-only">(current)</span></a> </li>
24      <li class="nav-item"> <a class="nav-link" href="Movies.jsp#NOVELS">MOVIES</a> </li>
25      <li class="nav-item"> <a class="nav-link" href="DealsOffer.jsp#DEALS AND OFFERS">DEALS AND OFFERS</a> </li>
26      <li class="nav-item"> <a class="nav-link" href="Location.jsp#LOCATION">LOCATION</a> </li>
27      <li class="nav-item"> <a class="nav-link" href="AboutUs.jsp#ABOUT US">ABOUT US</a> </li>
28    </ul>
29
30    <form class="form-inline my-2 my-sm-0">
31      <a href="Buy.jsp" class="btn btn-outline-success my-2 my-sm-0">Buy Tickets</a>
32      <a href="Login.jsp" class="btn btn-outline-success my-2 my-sm-0">Login</a>
33    </form>
34  </div>
35  <br>
36
37  <div id="carouselExampleIndicators1" class="carousel slide" data-ride="carousel" style="background-color: grey">
38    <ol class="carousel-indicators">
39      <li data-target="#carouselExampleIndicators1" data-slide-to="0" class="active"></li>
40      <li data-target="#carouselExampleIndicators1" data-slide-to="1"></li>
41      <li data-target="#carouselExampleIndicators1" data-slide-to="2"></li>
42    </ol>
43    <div class="carousel-inner" role="listbox">
44      <div class="carousel-item active" data-target="#carouselExampleIndicators1" data-slide-to="0"> 
45      <div class="carousel-item" data-target="#carouselExampleIndicators1" data-slide-to="1"> 
46      <div class="carousel-item" data-target="#carouselExampleIndicators1" data-slide-to="2"> 
47    </div>
48  </div>
49  <div class="carousel-caption" style="background-color: black; color: white; opacity: 0.8; padding: 10px; text-align: center; font-size: 1.2em; font-weight: bold;">
50    <h3>Be Entertained with Luxury & Reliability !</h3>
51  </div>
52  <div class="row" style="background-color: #f0f0f0; padding: 10px; margin-top: 10px;">
53    <div class="col-6" style="text-align: center; margin-bottom: 10px;">
54      <img alt="IMAX logo" style="width: 150px; height: auto; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
55      <b>Now Showing IMAX- Venom : The Last Dance</b>
56    </div>
57  </div>

```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Started, Synchronized]

ABCCINEMA [Synchronized]

Writable Smart Insert 169:76:11008

eclipse-workspace - ABCCINEMA/src/main/webapp/index.jsp - Eclipse IDE

```

1 <div class="card card-body" style="background-color: #f0f0f0; border: none; border-radius: 10px; padding: 10px; text-align: center; margin-bottom: 10px;">
2   <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
3   <h3 style="font-family: sans-serif; color: white; margin-bottom: 5px;"><b>NOW SHOWING - MOST POPULAR</b></h3>
4   <div class="row row2" style="background-color: #f0f0f0; padding: 10px; margin-bottom: 10px;">
5     <div class="col-lg-4" style="text-align: center; margin-bottom: 10px;">
6       <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
7       <h3 class="card-title" style="margin-bottom: 5px;"><b>VENOM: THE LAST DANCE</b></h3>
8       <p class="card-text" style="margin-bottom: 5px;">Eddie and Venom are on the run. Hunted by both of their worlds and with the net closing in, the duo are forced into a devastating decision that will bring them face-to-face with their greatest enemy... each other.</p>
9       <a href="Seats.jsp?movie=VENOM: THE LAST DANCE" class="btn btn-primary" style="border-radius: 10px; padding: 5px; font-weight: bold;">BOOK NOW</a>
10    </div>
11    <div class="col-lg-4" style="text-align: center; margin-bottom: 10px;">
12      <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
13      <h3 class="card-title" style="margin-bottom: 5px;"><b>THE WILD ROBOT</b></h3>
14      <p class="card-text" style="margin-bottom: 5px;">After a shipwreck, an intelligent robot called Roz is stranded on an uninhabited island. To survive the harsh environment, Roz bonds with the island's only inhabitant, a wild orangutan named Lu. As Roz begins to learn more about his surroundings, he uncovers a secret that could change the course of his life forever.</p>
15      <a href="Seats.jsp?movie=THE WILD ROBOT" class="btn btn-primary" style="border-radius: 10px; padding: 5px; font-weight: bold;">BOOK NOW</a>
16    </div>
17    <div class="col-lg-4" style="text-align: center; margin-bottom: 10px;">
18      <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
19      <h3 class="card-title" style="margin-bottom: 5px;"><b>RED ONE</b></h3>
20      <p class="card-text" style="margin-bottom: 5px;">After Santa Claus "The Red One" is kidnapped, the North Pole's Head of Security must team up with the world's most infamous bounty hunter in a globe-trotting adventure to save Christmas.</p>
21      <a href="Seats.jsp?movie=RED ONE" class="btn btn-primary" style="border-radius: 10px; padding: 5px; font-weight: bold;">BOOK NOW</a>
22    </div>
23  </div>
24  <div class="row row2" style="background-color: #f0f0f0; padding: 10px; margin-bottom: 10px;">
25    <div class="col-lg-4" style="text-align: center; margin-bottom: 10px;">
26      <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
27      <h3 class="card-title" style="margin-bottom: 5px;"><b>IT ENDS WITH US</b></h3>
28      <p class="card-text" style="margin-bottom: 5px;">Lily overcomes a traumatic childhood to embark on a new life. A chance meeting with a neurosurgeon sparks a connection but Lily begins to see sides of herself she never knew existed. As she tries to figure out who she really is, she must confront her past and embrace her future.</p>
29      <a href="Seats.jsp?movie=IT ENDS WITH US" class="btn btn-primary" style="border-radius: 10px; padding: 5px; font-weight: bold;">BOOK NOW</a>
30    </div>
31    <div class="col-lg-4" style="text-align: center; margin-bottom: 10px;">
32      <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
33      <h3 class="card-title" style="margin-bottom: 5px;"><b>SKYRUM</b></h3>
34      <p class="card-text" style="margin-bottom: 5px;">About to embark on a world tour, global pop sensation Skye Biley begins experiencing increasingly terrifying and inexplicable events. By the escalating height of her tour, Skye must figure out what's really happening to her and if there's still time to save the world.</p>
35      <a href="Seats.jsp?movie=SKYRUM" class="btn btn-primary" style="border-radius: 10px; padding: 5px; font-weight: bold;">BOOK NOW</a>
36    </div>
37  </div>
38  <div class="row row2" style="background-color: #f0f0f0; padding: 10px; margin-bottom: 10px;">
39    <div class="col-lg-4" style="text-align: center; margin-bottom: 10px;">
40      <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
41      <h3 class="card-title" style="margin-bottom: 5px;"><b>SMILE 2</b></h3>
42      <p class="card-text" style="margin-bottom: 5px;">About to embark on a world tour, global pop sensation Skye Biley begins experiencing increasingly terrifying and inexplicable events. By the escalating height of her tour, Skye must figure out what's really happening to her and if there's still time to save the world.</p>
43      <a href="Seats.jsp?movie=SMILE 2" class="btn btn-primary" style="border-radius: 10px; padding: 5px; font-weight: bold;">BOOK NOW</a>
44    </div>
45  </div>
46  <div class="row row2" style="background-color: #f0f0f0; padding: 10px; margin-bottom: 10px;">
47    <div class="col-lg-4" style="text-align: center; margin-bottom: 10px;">
48      <img alt="Card image cap" style="width: 150px; height: 150px; border-radius: 50%; border: 2px solid #ccc; margin-bottom: 10px;" />
49      <h3 class="card-title" style="margin-bottom: 5px;"><b>SMILE 2</b></h3>
50      <p class="card-text" style="margin-bottom: 5px;">About to embark on a world tour, global pop sensation Skye Biley begins experiencing increasingly terrifying and inexplicable events. By the escalating height of her tour, Skye must figure out what's really happening to her and if there's still time to save the world.</p>
51      <a href="Seats.jsp?movie=SMILE 2" class="btn btn-primary" style="border-radius: 10px; padding: 5px; font-weight: bold;">BOOK NOW</a>
52    </div>
53  </div>

```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Started, Synchronized]

ABCCINEMA [Synchronized]

Writable Smart Insert 169:76:11008

eclipse-workspace - ABCCINEMA/src/main/webapp/index.jsp - Eclipse IDE

```

122<div class="card col-md-4 col-lg-12" style="background-color: #f9f9f9; border: 1px solid #e0e0e0; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 300px; width: 100%;>
123    <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-size: cover; background-position: center; background-image: url("${pageContext.request.contextPath}/images/card_1.jpg");>
124        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
125            <b>STINGHAM AGAIN!</b><br/>
126            <b>TRANSFORMERS ONE</b><br/>
127            <b>THE UNTOLD ORIGIN STORY OF OPTIMUS PRIME AND MEGATRON, BETTER KNOWN AS SWORN ENEMIES, BUT ONCE WERE FRIENDS BONDED LIKE BROTHERS WHO CHANGED THE FATE OF</b>
128        </div>
129    </div>
130    <div class="card-body" style="text-align: center; padding-top: 10px; position: relative; height: 100%;>
131        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
132        </div>
133        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
134            <b>A NEW CHASE IS COMING - WITH REFERENCE TO THE EPIC RAMAYANA, SINGHAM AND HIS TEAM FACE A AMBIGUOUS VILLAIN IN ORDER TO SAVE HIS WIFE. REPORTED BUDGET OF</b>
135            <b>BOOK NOW!</b></div>
136    </div>
137</div>
138<div style="margin-top: 10px; text-align: center; font-size: 0.9em; color: #ccc; font-weight: bold; font-style: italic; position: relative; height: 100px; width: 100%;>
139    <a href="Movies.jsp" id="ViewMovies" class="btn btn-primary" style="font-size: 1.2em; color: white; border-radius: 10px; padding: 5px 10px; margin-right: 10px; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);>View All Movies</a>
140    <br>
141    <br>
142    <br>
143    <br>
144    <br>
145    <br>
146    <br>
147    <br>
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166    <br>
167    <br>
168    <br>
169    <br>
170    <br>
171    <br>
172    <br>
173    <br>
174</div>

```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Started, Synchronized]

ABCCINEMA [Synchronized]

eclipse-workspace - ABCCINEMA/src/main/webapp/index.jsp - Eclipse IDE

```

124<div class="row row5">
125    <div class="col-xxl-5" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
126        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
127        </div>
128        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
129            <b>ABC CHRISTMAS!</b><br/>
130            <b>CELEBRATE THE CHRISTMAS WITH ABC CINEMA</b>
131            <b>ENJOY 10% DISCOUNT ON ALL MOVIES. THIS IS ONLY TILL 28TH OF DECEMBER.</b><br/>
132            <a href="DealsOffers.jsp" id="MoreDeals" class="btn btn-primary" style="font-size: 1.2em; color: white; border-radius: 10px; padding: 5px 10px; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);>MORE DEALS & OFFERS</a>
133        </div>
134    </div>
135    <div class="col-xxl-3" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
136        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
137        </div>
138        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
139            <b>STAY UPDATED</b><br/>
140            <b>GET ALL OUR DEALS AND OFFERS</b>
141            <b>SUBSCRIBE</b>
142            <b>MORE UPDATES</b>
143            <b>MORE UPDATES</b>
144        </div>
145    </div>
146    <div class="col-xxl-4" style="border: 1px solid #ccc; padding: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
147        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
148        </div>
149        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
150            <b>ABC CINEMA</b>
151            <b>ALL RIGHTS RESERVED</b>
152            <b>DEVELOPED BY GROUP - I</b>
153        </div>
154    </div>
155</div>
156<div class="row row6" style="background-color: #f9f9f9; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
157    <div class="col-xxl-3" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
158        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
159        </div>
160        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
161            <b>ABC CINEMA</b>
162            <b>ALL DEALS</b>
163            <b>CONTACT US</b>
164            <b>TERMS & CONDITIONS</b>
165            <b>PRIVACY POLICIES</b>
166        </div>
167    </div>
168    <div class="col-xxl-3" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
169        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
170        </div>
171        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
172            <b>BUY TICKETS</b>
173            <b>MOVIES</b>
174            <b>DEALS OFFERS</b>
175            <b>CONTACT US</b>
176            <b>TERMS & CONDITIONS</b>
177            <b>PRIVACY POLICIES</b>
178        </div>
179    </div>
180    <div class="col-xxl-6" style="border: 1px solid #ccc; padding: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
181        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
182        </div>
183        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
184            <b>BUY TICKETS</b>
185            <b>MOVIES</b>
186            <b>DEALS OFFERS</b>
187            <b>CONTACT US</b>
188            <b>TERMS & CONDITIONS</b>
189            <b>PRIVACY POLICIES</b>
190        </div>
191    </div>
192</div>
193<div class="row row7" style="background-color: #f9f9f9; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
194    <div class="col-xxl-2" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
195        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
196        </div>
197        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
198            <b>NEW LOGO</b>
199            <b>WHITE</b>
200        </div>
201    </div>
202    <div class="col-xxl-2" style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
203        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
204        </div>
205        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
206            <b>INSTAGRAM</b>
207            <b>ICON</b>
208            <b>FACEBOOK</b>
209            <b>ICON</b>
210        </div>
211    </div>
212    <div class="col-xxl-8" style="border: 1px solid #ccc; padding: 10px; border-radius: 10px; position: relative; height: 100px; width: 100%;>
213        <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: black; opacity: 0.5; z-index: 0; filter: blur(5px);>
214        </div>
215        <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em; color: white; opacity: 0.8; z-index: 1;>
216            <b>SCROLL UP</b>
217            <b>BUTTON</b>
218        </div>
219    </div>
220</div>
221<div id="scrollUpButton" style="position: absolute; bottom: 10px; right: 10px; width: 30px; height: 30px; border: 1px solid #ccc; border-radius: 50%; background-color: #f9f9f9; text-align: center; line-height: 30px; font-size: 1.2em; color: #ccc; font-weight: bold; cursor: pointer; transition: all 0.3s ease; z-index: 1000; opacity: 0.5; filter: blur(5px);>
222    <img alt="scroll up icon" style="width: 100%; height: 100%; object-fit: cover;"/>
223</div>
224<script>
225    // Show the button when the user scrolls down
226    window.addEventListener("scroll", function() {
227        let scroll = document.documentElement.scrollTop || document.body.scrollTop;
228        if (scroll > 100) {
229            document.getElementById("scrollUpButton").style.display = "block";
230        } else {
231            document.getElementById("scrollUpButton").style.display = "none";
232        }
233    });
234</script>

```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Started, Synchronized]

ABCCINEMA [Synchronized]

eclipse-workspace - ABCCINEMA/src/main/webapp/index.jsp - Eclipse IDE

```

2400-->!-- JS function to coming soon Sliding images -->
241<script>
242  deployment.rotate() {
243    var lastChild = $('.slider div:last-child').clone();
244    $('#test').html(lastChild);
245    $('.slider div').removeClass('firstSlide');
246    $('.slider div').remove();
247    $('.slider').prepend(lastChild);
248    $(lastChild).addClass('firstSlide');
249  }
250</script>
251<!-- pre loader -->
252<script>
253  window.addEventListener("load", function () {
254    const preloader = document.getElementById("preloader");
255    const mainContent = document.getElementById("main-content");
256
257    self.setInterval(() => {
258      preloader.style.display = "none"; // Hide preloader
259      mainContent.style.display = "block"; // Show main content
260    }, 1000); // Adjust delay as needed (100ms = 1 second)
261  });
262</script>
263<!-- nav bar -->
264<script>
265  const navbar = document.getElementById('navbar');
266
267  navbar.addEventListener("scroll", function() {
268    const navbar = document.querySelector('.navbar');
269    if (window.scrollY > 50) {
270      navbar.classList.add("scrolled");
271    } else {
272      navbar.classList.remove("scrolled");
273    }
274  });
275</script>
276<!-- External JS connections -->
277<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
278<script src="js/jquery-3.4.1.min.js"></script>
279<!-- include all compiled plugin (below), or include individual files as needed -->
280<script src="js/popper.min.js"></script>
281<script src="js/bootstrap.min.js"></script>

```

html/body/#text

eclipse-workspace - ABCCINEMA/src/main/webapp/css/style.css - Eclipse IDE

```

1 body {
2   font-family: Arial, sans-serif;
3   background-color: black;
4   flex-wrap: wrap;
5 }
6
7 .slider {
8   height: 600px;
9   width: 100vw;
10  display: flex;
11  justify-content: center;
12  position: relative;
13  align-items: center;
14 }
15 .box {
16   background-image: url("../images/sonic 3 soon.jpg");
17   background-size: cover;
18   background-position: center center;
19 }
20 .box {
21   background-image: url("../images/captain america soon.jpg");
22   background-size: cover;
23   background-position: center center;
24 }
25 .box {
26   background-image: url("../images/kronen the soon.jpg");
27   background-size: cover;
28   background-position: center center;
29 }
30 .box {
31   background-image: url("../images/mufasa-soon.jpg");
32   background-size: cover;
33   background-position: center center;
34 }
35 .box {
36   background-image: url("../images/wicked soon.jpg");
37   background-size: cover;
38   background-position: center center;
39 }
40 .box {
41   background-image: url("../images/gladiator 2 soon.jpg");
42   background-size: cover;
43   background-position: center center;
44 }
45 .box {
46   /* float: left; */
47   overflow: hidden;
48   width: 100px;
49   transition: all 1s cubic-bezier(0.68, -0.6, 0.32, 1.6);
50   position: absolute;
51 }
52 .box:nth-child(7) {
53   width: 100px;
54   height: 60px;
55 }
56 .box {
57   width: 100px;
58   height: 60px;
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60 .box {
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```

2. Movies Page

The screenshot shows the 'NOW SHOWING' section of the ABC Cinemas website. It features a grid of movie posters. Each poster includes the movie title and a 'Buy Tickets' button. The movies listed are: Deadpool and Wolverine, Interstellar - Special Edition, Venom: The Last Dance, Kraven: The Hunter, Moana 2, Gladiator, It Ends With Us, and Kangana.

The screenshot shows the 'TRAILERS OF NEW ARRIVALS' section of the ABC Cinemas website. It displays four movie trailers in a grid: 'VENOM: THE LAST DANCE - Official Trailer (HD)', 'IT ENDS WITH US - Official Trailer (HD)', 'The Wild Robot | Final Trailer', and 'Oppenheimer | New Trailer'. Each trailer has a 'Watch on YouTube' button and a 'Share' icon.

New Bollywood Movies
Are you that true-Hindi movie fiend who is obsessed with everything about Bollywood? If yes, we can relate to you. We understand your love for films and keep you updated about all the new Hindi Movie releases. Just browse through our [abcMovies](#) section, check out all the new movies playing in cinemas. Book your tickets instantly. Before booking, you can also have a look at the trailer of that film right at that page.

Latest Sinhala Movies
Tamil or Sinhala, you can book tickets for all the regional language films released, right here at ABC Cinemas. What's more along with booking movie tickets, you can also check out the latest and upcoming Sinhala movies in our coming soon section. Booking process is simply a breeze at ABC Cinemas. Within few minutes, any time anywhere you can book your tickets for the latest movies at the lowest prices possible.

New Hollywood Movies
Language is not a barrier at ABC Cinemas. We speak and understand the language of cinema. So, if English movie is what you are into, we keep you up-to-date about all the new and now showing Hollywood movies near your location. Check out all the current movies and book your tickets then and there. Current most popular movies - Venom: The Last Dance / Red One / It Ends With Us.

To always be informed!

Feedback

Buy Tickets

- Codes of the Movies Page

eclipse-workspace - ABCCINEMA/src/main/webapp/css/Movies.css - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer X Tomcat v10.1 Server at localhost ContactFormServlet.java index.jsp Movies.jsp Movies.css

ABCCINEMA Deployment Descriptor: ABCCINEMA Java Web Services Java Resources Referenced Libraries Deployed Resources main main java CompleteBookingServlet ContactFormServlet User resources webapp css AboutUs.css bootstrap-4.4.1.css Buys.css CinemaList.css dealand.css Location.css Login.css Movies.css Payment.css Seats.css style.css images IS WEB-INF AboutUs.jsp BuyTicket.jsp ContactUs.jsp DeckOffers.jsp HomePage.jsp index.jsp Location.jsp Login.jsp Movies.jsp Payment.jsp Seats.jsp Terms.jsp test target pom.xml Servers

ABCCINEMA/pom.xml Tomcat v10.1 Server at localhost ContactFormServlet.java index.jsp Movies.jsp Movies.css

```
33    overflow: hidden;
34    transition: transform 0.3s ease;
35    border-radius: 0px;
36  }
37
38  /* Fourth row */
39 .container .row.row14 {
40   background-color: #f0f0f0;
41   color: #fff;
42 }
43 .row.row14 .col.xl-3 .card.col-md-4.col-xl-12 {
44   background-color: #fff;
45   color: #000;
46   transition: transform 0.3s ease;
47   border-radius: 0px;
48 }
49
50
51
52
53 /* Search bar */
54 .search-container{
55   display: flex;
56   align-items: center;
57   justify-content: center;
58   background-color: #e0e0e0;
59   padding: 5px 10px;
60   max-width: 600px;
61   margin: 20px auto;
62   box-shadow: 0 2px 5px #ccc;
63   margin-top: 35px;
64 }
65 .search-container i{
66   color: #fff;
67   margin-right: 10px;
68   font-size: 15px;
69 }
70 .search-container input[type="text"]{
71   flex-grow: 1;
72   border: none;
73   outline: none;
74   background: transparent;
75   color: #fff;
76   text-align: center;
77   font-size: 14px;
78 }
79 .search-container input:placeholder{
80   color: #a0a0a0;
81 }
82 .search-container input:focus{
83   outline: none;
84 }
85 }
```

Outline X Tomcat v10.1 Server at localhost [Started, Synchronized] ABCCINEMA [Synchronized]

This is one of the main page of this website. This page contains of 14 cards that includes all now showing movies. These cards carrying Book Now buttons that users can Book their favorite movies. Also users can search for a movie from the Search bar that is on the top of the webpage.

Using JS and CSS (inline / external – Movies.css) codes all the components and functions are well maintained according to whole website's theme. When user selects a movie and book that movie, that movie title will automatically select in the next directed page (Seats page). That function developed using JS codes already mentioned on the screenshots.

- Can manage movies via the database

The screenshot shows the MySQL Workbench interface. In the top-left, the 'Schemas' tree shows the 'abccinema' schema with tables like 'movies', 'users', and 'feedback'. The main area displays the results of a query: 'SELECT * FROM abccinema.movies;'. The results grid shows 9 rows of movie data with columns: id, title, image, release_date, and director. Below the grid is the 'Output' pane, which shows the execution history of the query, including the time, action, message, duration, and fetch details.

id	title	image	release_date	director
1	Deadpool and Wolverine	https://m.media-amazon.com/images/M/MV5B...	2011-11-11	Marvel
2	Interstellar - Special Edition	https://m.media-amazon.com/images/M/MV5B...	2010-10-10	Chris
3	Spider-Man: The Last Dance	https://upload.wikimedia.org/wikipedia/en/f/f...	2024-12-13	Marvel
4	Kraven: The Hunter	https://upload.wikimedia.org/wikipedia/en/f/f...	2024-12-13	Marvel
5	Moana 2	https://m.media-amazon.com/images/M/MV5B...	2024-11-20	Hash
6	Gladiator 2	https://yc.cdnink.com/pwyk0en63hangn0in...	2024-11-28	Dwayne
7	It Ends With Us	https://bookslips.klyv-content/uploads/2024/...	2024-11-12	Rose
8	Kungfuwa	https://upload.wikimedia.org/wikipedia/en/e/e...	2024-11-23	Janam
9	Amaran	https://m.media-amazon.com/images/M/MV5B...	2024-12-01	Thala

Admins can Add new movies, edit and delete existing movies from the database and it will updated in the movies.jsp page. The connections for this process are functioned in the body code of the movies page.

3. Deals & Offers Page

The screenshot shows the 'Deals and Offers' page of the ABC Cinemas website. The page features several promotional banners:

- Member Discount:** Up to 50% off Event Cinema Tickets.
- MOANA 2 Collectible popcorn Combo:** Now available at ABC Cinemas! Description: A limited-edition cup and topper inspired by the characters, includes popcorn and drink.
- 20% Off Movie Tickets:** On Movie Tickets with Cargills Bank.
- Exclusive Member Discounts:** Up to 50% Off Movie Tickets!

• Codes of the Deals & Offers Page

Eclipse IDE - eclipse-workspace - ABCCINEMA/src/main/webapp/DealsOffers.jsp

```

37    <br><br><br>
38    <h3 style="font-family: sans-serif; color: white; margin-right: 870px;"><center><b>DEALS & OFFERS</b></center></h3><br>
39
40    <div class="container">
41
42        <div class="row row50">
43            <div class="col-12-3"></div>
44
45            <p style="color: lightgray;">Exclusive Member Discounts: Up to 50% Off Movie Tickets! <br><br>
46            <span id="view-more-btn" class="view-more-btn" onclick="toggleParagraph1()">View More</span>
47
48            <p>
49                <span id="extra-info" class="hidden" style="color: lightgray;">
50                    Enjoy the ultimate cinematic experience with incredible discounts available for all members. Don't wait—grab your tickets today and make the most of this special offer!
51                </span>
52            </p>
53        </div>
54    </div><br>
55
56    <div class="row row51">
57        <div class="col-12-3"></div>
58
59        <p style="color: lightgray;">MONA 2 Collectible popcorn Combo - now at ABC Cinemas! <br><br>
60        <span id="view-more-btn-1" class="view-more-btn" onclick="toggleParagraph1()">View More</span>
61
62        <span id="extra-info-1" class="hidden" style="color: lightgray;">
63            Featuring a limited-edition cup and popcorn inspired by your favorite characters, this combo also includes a small popcorn and drink to enhance your movie experience. Don't miss
64        </span>
65
66    </div>
67
68    </div>
69
70    <div class="row row52">
71        <div class="col-12-3"></div>
72
73        <p style="color: lightgray;">Exciting Movie Ticket Discounts with Cargills Bank! <br><br>
74        <span id="view-more-btn-2" class="view-more-btn" onclick="toggleParagraph2()">View More</span>
75
76        <span id="extra-info-2" class="hidden" style="color: lightgray;">
77            Enjoy a 20% discount on movie tickets* when you pay with your Cargills Bank Credit Card. Don't miss this opportunity to watch your favorite movies at a fraction of the cost. S
78
79    </div>
80
81    <div class="row row53">
82        <div class="col-12-3"></div>
83
84        <p style="color: lightgray;">Summer Movie Express for KIDS! <br><br>
85        <span id="view-more-btn-3" class="view-more-btn" onclick="toggleParagraph3()">View More</span>
86
87        <span id="extra-info-3" class="hidden" style="color: lightgray;">
88            Treat your little ones to their favorite kids' movies all summer long at special discounted rates. This exciting program promises a delightful escape into the world of animated
89    </div>

```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Started, Synchronized] ABCCINEMA [Synchronized]

Writable Smart Insert 1:1:0

Eclipse IDE - eclipse-workspace - ABCCINEMA/src/main/webapp/DealsOffers.jsp

```

132    <script>
133        function toggleParagraph() {
134            const paragraph = document.getElementById('extra-info');
135            const viewMoreButton = document.getElementById('view-more-btn');
136
137            // Show the hidden paragraph
138            paragraph.classList.remove('hidden');
139
140            // Hide the "View More" button
141            viewMoreButton.classList.add('hidden');
142        </script>
143
144    <script>
145        function toggleParagraph1() {
146            const paragraph = document.getElementById('extra-info-1');
147            const viewMoreButton = document.getElementById('view-more-btn-1');
148
149            // Show the hidden paragraph
150            paragraph.classList.remove('hidden');
151
152            // Hide the "View More" button
153            viewMoreButton.classList.add('hidden');
154
155        </script>
156
157    <script>
158        function toggleParagraph2() {
159            const paragraph = document.getElementById('extra-info-2');
160            const viewMoreButton = document.getElementById('view-more-btn-2');
161
162            // Show the hidden paragraph
163            paragraph.classList.remove('hidden');
164
165            // Hide the "View More" button
166            viewMoreButton.classList.add('hidden');
167
168        </script>
169
170    <script>
171        function toggleParagraph3() {
172            const paragraph = document.getElementById('extra-info-3');
173            const viewMoreButton = document.getElementById('view-more-btn-3');
174
175            // Show the hidden paragraph
176            paragraph.classList.remove('hidden');
177
178            // Hide the "View More" button
179            viewMoreButton.classList.add('hidden');
180
181        </script>
182
183    <!-- Navbar Shading -->
184
185

```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Started, Synchronized] ABCCINEMA [Synchronized]

Writable Smart Insert 1:1:0

The screenshot shows the Eclipse IDE interface with the ABCCINEMA project open. The Project Explorer view on the left lists various Java files (e.g., CompleteBookingServlet.java, ContactFormServlet.java, User.java) and CSS files (e.g., AboutUs.css, Bootstrap.css, Buy.css, ContactUs.css, dealsand.css, Location.css, Login.css, Movies.css, Payment.css, Seats.css, style.css). The dealsand.css file is selected in the center editor, displaying its content which includes CSS rules for a 'view-more-btn' class and its hover states (1-3).

```

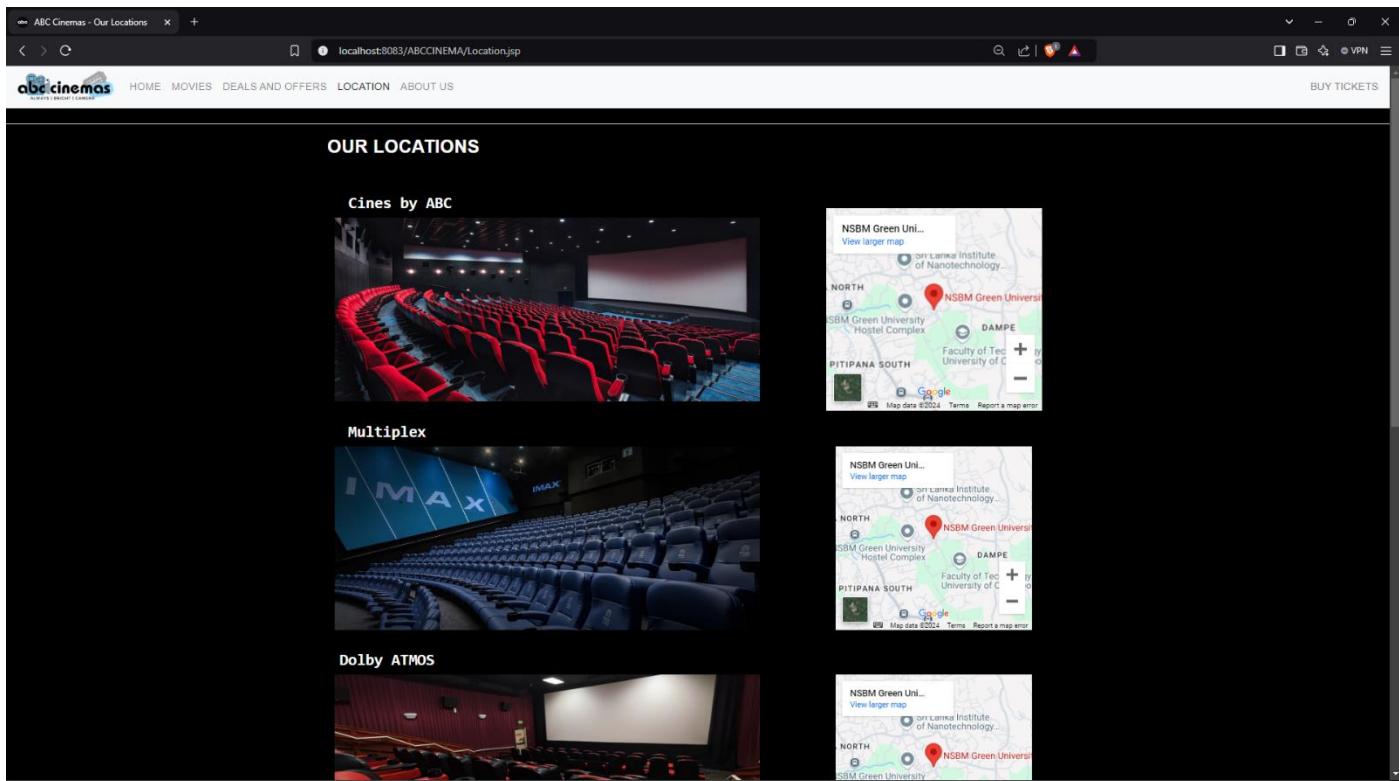
1. @charset "utf-8";
2. {
3.     display: none;
4. }
5. @view-more-btn {
6.     cursor: pointer;
7.     color: black;
8.     font-size: 15px;
9.     font-family: monospace;
10. }
11. @view-more-btn:hover{
12.     text-decoration: underline;
13.     color: blue;
14. }
15. @view-more-btn-1 {
16.     cursor: pointer;
17.     color: black;
18.     font-size: 15px;
19.     font-family: monospace;
20. }
21. @view-more-btn-1:hover{
22.     text-decoration: underline;
23.     color: blue;
24. }
25. @view-more-btn-2 {
26.     cursor: pointer;
27.     color: black;
28.     font-size: 15px;
29.     font-family: monospace;
30. }
31. @view-more-btn-2:hover{
32.     text-decoration: underline;
33.     color: blue;
34. }
35. @view-more-btn-3 {
36.     cursor: pointer;
37.     color: black;
38.     font-size: 15px;
39.     font-family: monospace;
40. }
41. @view-more-btn-3:hover{
42.     text-decoration: underline;
43.     color: blue;
44. }
45. @view-more-btn-3:hover{
46.     color: blue;
47. }

```

This page includes our all Deals and Offers that offers to users. Using separated row tags and card tags every offer news images and it's descriptions are well managed that users can view them separately.

Using JS and CSS (inline / external – dealsand.css) codes those View More buttons are functionally maintained. That is one description of the one can only be viewed by clicking it's View More button.

4. Location Page



ABC Cinemas - Our Locations

localhost:8083/ABCCINEMA/Location.jsp

HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US BUY TICKETS



LUXE by ABC



NSBM Green University Hostel Complex

PITIPANA SOUTH

DAMPE

NSBM Green Uni.. View larger map

on campus Institute of Nanotechnology

NORTH

NSBM Green University Hostel Complex

DAMPE

PITIPANA SOUTH

Faculty of Tec + University of C

Map data ©2024 Terms Report a map error

Film Hall Facilities

- 4K Ultra HD Screens for an immersive viewing experience
- Dolby Atmos Sound System for incredible audio clarity
- Comfortable recliner seats with ample legroom
- Spacious and air-conditioned halls
- Snack bar with a variety of food and beverages
- Wheelchair accessibility and reserved seating
- Online ticket booking and quick check-in

To always be informed!

Sign up for
get all our Deals and Offers.

SUBSCRIBE

©2024 ABC Cinemas All Rights Reserved.
Developed by Group - I

localhost:8083/ABCCINEMA/Location.jsp

- Codes of the Location Page

The screenshot shows the Eclipse IDE interface. The Project Explorer view on the left lists the project structure for 'ABCINEMA'. The 'src' folder contains Java files like 'CompleteBookingServlet.java', 'ContactFormServlet.java', 'User.java', and 'Seat.java', along with CSS files such as 'AboutUs.css', 'bootstrap-4.4.1.css', 'Buy.css', 'ContactUs.css', 'dealsand.css', 'Location.css', 'Login.css', 'Movies.css', 'Payment.css', 'Seats.css', and 'style.css'. The 'WEB-INF' folder includes 'AboutUs.jsp', 'Buy.jsp', 'ContactUs.jsp', 'DealsOffers.jsp', 'HomePage.jsp', 'index.jsp', 'Location.jsp', 'Login.jsp', 'Movies.jsp', 'Payment.jsp', 'Seats.jsp', and 'Terms.jsp'. The 'test' and 'target' folders are also visible. The central workspace displays the 'Location.css' file, which contains CSS code for styling iframes. The bottom status bar indicates the file is synchronized.

```

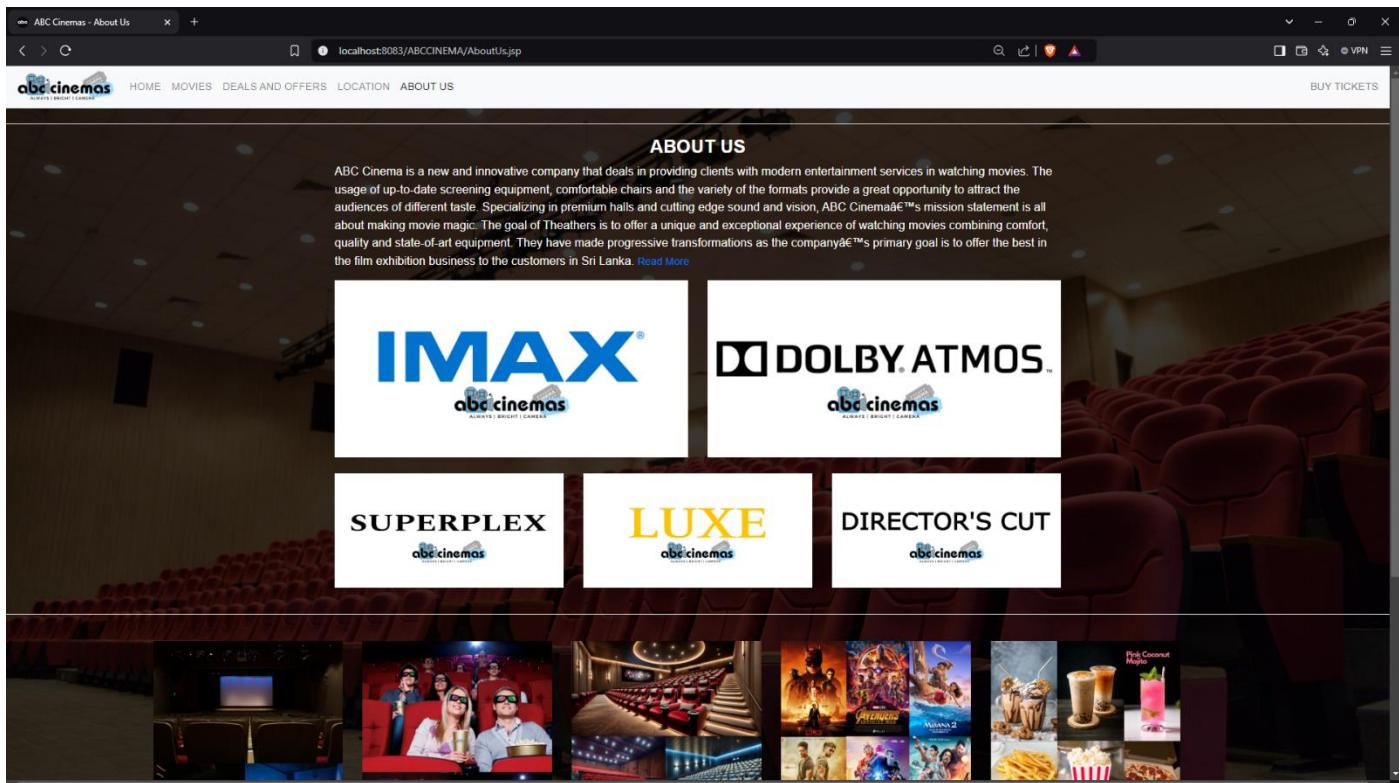
1 @charset "utf-8";
2 .row.row30 .col-1x4 iframe {
3   margin-left: 5px;
4   overflow: hidden;
5   transition: transform 0.5s ease;
6 }
7 .row.row30 .col-1x4 iframe:hover{
8   transform: scale(1.1);
9 }
10 .row.row31 .col-1x4 iframe {
11   margin-left: 5px;
12   overflow: hidden;
13   transition: transform 0.5s ease;
14 }
15 .row.row31 .col-1x4 iframe:hover{
16   transform: scale(1.1);
17 }
18 .row.row32 .col-1x4 iframe {
19   margin-left: 5px;
20   overflow: hidden;
21   transition: transform 0.5s ease;
22 }
23 .row.row32 .col-1x4 iframe:hover{
24   margin-left: 5px;
25   overflow: hidden;
26   transition: transform 0.5s ease;
27 }
28 .row.row33 .col-1x4 iframe {
29   margin-left: 5px;
30   overflow: hidden;
31   transition: transform 0.5s ease;
32 }
33 .row.row33 .col-1x4 iframe:hover{
34   transform: scale(1.1);
35 }
36 .row.row34 .col-1x4 iframe {
37   margin-left: 5px;
38   overflow: hidden;
39   transition: transform 0.5s ease;
40 }
41 .row.row34 .col-1x4 iframe:hover{
42   transform: scale(1.1);
43 }

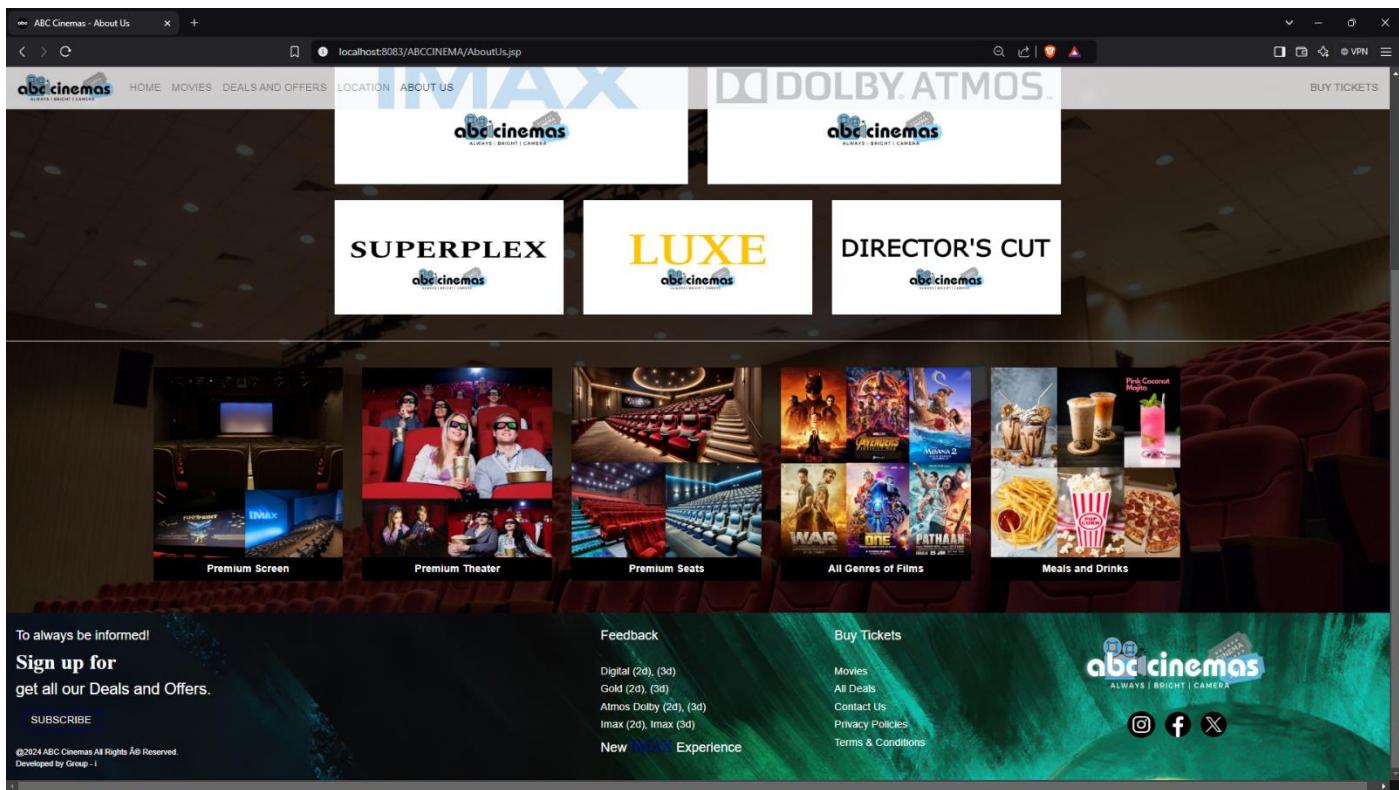
```

This page includes every theatre locations of our ABC Cinemas. And this page has facility description of the theatre locations. By getting the Embed Code from the Google location services and adding it to the webpage can add the google map of our theatre locations.

By adding iframe tags and using CSS codes (inline / external – location.css) these Google maps and images well maintained under the separated rows.

5. About Us Page





- Codes of the About Us Page

Screenshot of the Eclipse IDE showing the code for the About Us page (AboutUs.jsp). The code is written in JSP and includes CSS classes for layout and responsive images.

```

<h3 style="font-family: sans-serif; color: white; text-align: center; font-size: 18px;">ABOUT US


ABC Cinema is a new and innovative company that deals in providing clients with modern entertainment.



ABC Cinema is a new and innovative company that deals in providing clients with modern entertainment.





Premium Screen





Premium Theater





Premium Seats





All Genres of Films





Meals and Drinks





Premium Screen





Premium Theater





Premium Seats





All Genres of Films





Meals and Drinks


```

eclipse-workspace ABCCINEMA/src/main/webapp/css/AboutUs.css - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer X

ABCCINEMA pom.xml Tomcat 10.1 Server at localhost ContactFormServlet.java index.jsp AboutUs.jsp AboutUs.css

ABCCINEMA

Deployment Descriptor: ABCCINEMA

JAX-WS Web Services

Java Resources

Referenced Libraries

Deployed Resources

main

java

CompleteBookingServlet

ContactFormServlet

User

resources

webapp

css

AboutUs.css

bootstrap-4.4.1.css

Buy.css

Category.css

Dealership.css

Location.css

Login.css

Movies.css

Payment.css

Seats.css

style.css

images

js

WEB-INF

AboutUs.jsp

Buy.jsp

ContactUs.jsp

DealsOffer.jsp

Home.jsp

index.jsp

Location.jsp

Login.jsp

Movies.jsp

Payment.jsp

Seats.jsp

Terms.jsp

test

target

pom.xml

Servers

ABCCINEMA/pom.xml

@charset "utf-8";

background-image: url("../images/aboutusbackground.jpg");

background-position: center;

background-attachment: fixed;

background-size: cover;

.read-more-container .full-text {

display: none; /* Initially hide the full text */

}

.col-xl-6 center .img-fluid {

overflow: hidden;

transition: transform 0.4s ease;

.col-xl-6 center .img-fluid:hover {

transform: scale(1.1);

}

.col-xl-4 center .img-fluid {

overflow: hidden;

transition: transform 0.4s ease;

.col-xl-4 center .img-fluid:hover {

transform: scale(1.1);

}

.box {

box-shadow: 0 0 20px 20px rgba(0, 0, 0, 0.1);

transition: filter 1s;

}

.box:hover {

transform: scale(1.3);

z-index: 2;

}

.text {

font-weight: bold;

font-family: sans-serif;

background-color: #000000;

color: white;

font-size: 16px;

padding: 6px 2px;

}

Tomcat 10.1 Server at localhost [Started, Synchronized]

ABCCINEMA [Synchronized]

This is the page that includes the content about ABC Cinemas. Adding a paragraph that users can read more of it. And images of all the Facilities of ABC are added by img tags and styles with CSS codes.

By using CSS (inline / external – AboutUs.css) and JS codes these images are hovered to improve user experience. CSS codes are used to add a background image to this webpage.

6. Buy Tickets Page

ABC Cinemas - Buy Special Sh... + localhost:8083/ABCCINEMA/Buy.jsp

abc cinemas HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US BUY TICKETS

BUY NOW - SPECIALS SHOWINGS

Search for a movie...

Oppenheimer



Release date: July 21, 2023
Director: Christopher Nolan
Budget: 100 million USD
Awards: A Award for Best Picture
Distributed by: Universal Pictures
Adapted from: Tragedy of J. Robert Oppenheimer

New IMAX Experience

BOOK NOW

Venom: The Last Dance



Release date: October 24, 2024
Director: Kelly Marcel
Box office: \$472.8 million
Story by: Tom Hardy, Kelly Marcel
Distributed by: Sony Pictures Releasing
Based on: Marvel Comics

Digital 2D | Dolby Atmos | IMAX

BOOK NOW

The Wild Robot



Release date: September 27, 2024
Director: Chris Sanders
Box office: \$322 million
Music by: Kris Bowers

Digital 2D | Dolby Atmos | LUXE

BOOK NOW

ABC Cinemas - Buy Special Sh... + localhost:8083/ABCCINEMA/Buy.jsp

abc cinemas HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US BUY TICKETS

AMARAN



Box office: est. ₹320 crore
Music composed by: G. V. Prakash Kumar
Producers: Kamal Haasan, R Mahendran, Mahendran
Language: Tamil

BOOK NOW

Pushpa 2



Release date: December 5, 2024
Director: Sukumar
Budget: ₹4000-₹500 crore
Music composed by: Devi Sri Prasad
Producers: Naveen Yermeni, Y. Ravi Shankar
Language: Tamil

Digital 2D | Dolby Atmos | LUXE

BOOK NOW

Deadpool and Wolverine



Release date: July 25, 2024
Director: Shawn Levy
Box office: \$1.338 billion
Budget: \$200 million
Distributed by: Walt Disney Studios Motion Pictures
Based on: Marvel Comics

Digital 2D | Dolby Atmos | IMAX

BOOK NOW

To always be informed!
Sign up for
get all our Deals and Offers.

SUBSCRIBE

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localhost:8083/ABCCINEMA/Login.html

Feedback
Digital (2d), (3d)
Gold (2d), (3d)
Atmos Dolby (2d), (3d)
Imax (2d), Imax (3d)
New IMAX Experience

Buy Tickets
Movies
All Deals
Contact Us
Privacy Policies
Terms & Conditions

abc cinemas
ALWAYS | BRIGHT | CAMERA



• Codes of the Buy Tickets Page

Screenshot of Eclipse IDE showing the code for the Buy.jsp page. The code displays movie cards for "Oppenheimer" and "Venom: The Last Dance".

```

<div class="row row79">
    <div class="col-xl-4"><center></center></div>
    <div class="col-md-4 col-xl-12" style="background-color: black; color: white;">
        <div class="card card-body">
            <h5 href="#">Movie: Oppenheimer
            <p class="card-text">
                <ul>
                    <li>Release date: July 21, 2023</li>
                    <li>Director: Christopher Nolan</li>
                    <li>Budget: 100 million USD</li>
                    <li>Awards: A.Award for Best Picture</li>
                    <li>Distributed by: Universal Pictures</li>
                    <li>Adapted from Tragedy of J. Robert Oppenheimer</li>
                </ul>
            </p>
        </div>
    </div>
</div>
<div class="row row80">
    <div class="col-xl-4"><center></center></div>
    <div class="col-md-4 col-xl-12" style="background-color: black; color: white;">
        <div class="card card-body">
            <h5 class="card-title">Venom: The Last Dance</h5>
            <p class="card-text">
                <ul>
                    <li>Release date: October 24, 2024</li>
                    <li>Director: Kelly Marcel</li>
                    <li>Box office: $472.8 million</li>
                    <li>Story by: Tom Hardy; Kelly Marcel</li>
                    <li>Distributed by: Sony Pictures Releasing</li>
                    <li>Based on: Marvel Comics</li>
                </ul>
            </p>
        </div>
    </div>
</div>

```

Screenshot of Eclipse IDE showing the code for the Buy.jsp page. The code displays movie cards for "Rushpa 2" and "Deadpool and Wolverine".

```

<div class="row row84">
    <div class="col-xl-4"><center></center></div>
    <div class="col-md-4 col-xl-12" style="background-color: black; color: white;">
        <div class="card card-body">
            <h5 href="#">Rushpa 2</h5>
            <p class="card-text">
                <ul>
                    <li>Release date: December 5, 2024</li>
                    <li>Director: Sukumar</li>
                    <li>Budget: ₹400-500 crores</li>
                    <li>Music composed by Devi Sri Prasad</li>
                    <li>Producers: Naveen Yerzani, Y. Ravi Shankar</li>
                    <li>Language: Telugu</li>
                </ul>
            </p>
        </div>
    </div>
</div>
<div class="row row84">
    <div class="col-xl-4"><center></center></div>
    <div class="col-md-4 col-xl-12" style="background-color: black; color: white;">
        <div class="card card-body">
            <h5 style="margin-top: 50px; margin-left: 40px; color: white;">Digital 2D | Dolby Atmos | LUXE</h5>
            <a href="#">Seats.jsp?movie=Rushpa 2</a>
            <div class="btn btn-primary" style="margin-top: 40px; margin-left: 120px;" id="btn8">>BOOK NOW</a>
        </div>
    </div>
</div>
<div class="row row84">
    <div class="col-xl-4"><center></center></div>
    <div class="col-md-4 col-xl-12" style="background-color: black; color: white;">
        <div class="card card-body">
            <h5 style="margin-top: 50px; margin-left: 40px; color: white;">Digital 2D | Dolby Atmos | IMAX</h5>
            <a href="#">Seats.jsp?movie=Deadpool and Wolverine</a>
            <div class="btn btn-primary" style="margin-top: 40px; margin-left: 120px;" id="btn9">>BOOK NOW</a>
        </div>
    </div>
</div>
</div> <!-- container -->

```

```

<!-- JS for Search bar searching -->
<script>
    function filterMovies() {
        // Get the search input value
        const searchInput = document.getElementById("movieSearch").value.toLowerCase();

        // Get all movie rows
        const rows = document.querySelectorAll(".row");

        // Loop through each row to check if the movie name matches the search input
        rows.forEach(row => {
            const movieTitle = row.querySelector(".card-title").innerText.toLowerCase();

            // Check if the title includes the search input
            if (movieTitle.includes(searchInput)) {
                row.style.display = "flex"; // Show matching rows
            } else {
                row.style.display = "none"; // Hide non-matching rows
            }
        });
    }
</script>

<!-- Row loader -->
<script>
    window.addEventListener("load", function () {
        const preloader = document.getElementById("preloader");
        const mainContent = document.getElementById("main-content");

        setTimeout(() => {
            preloader.style.display = "none"; // Hide preloader
            mainContent.style.display = "block"; // Show main content
        }, 1000); // Adjust delay as needed (1000ms = 1 second)
    });
</script>

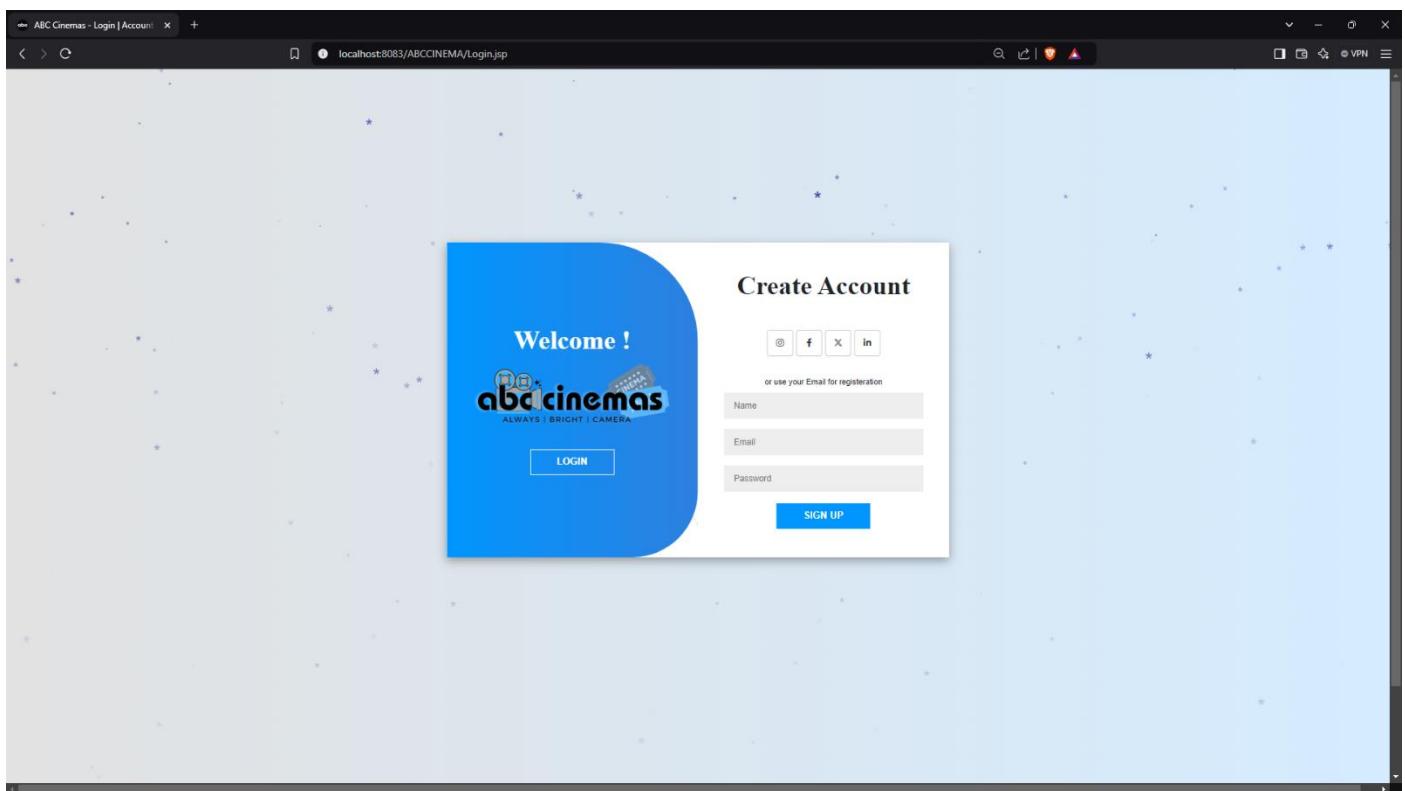
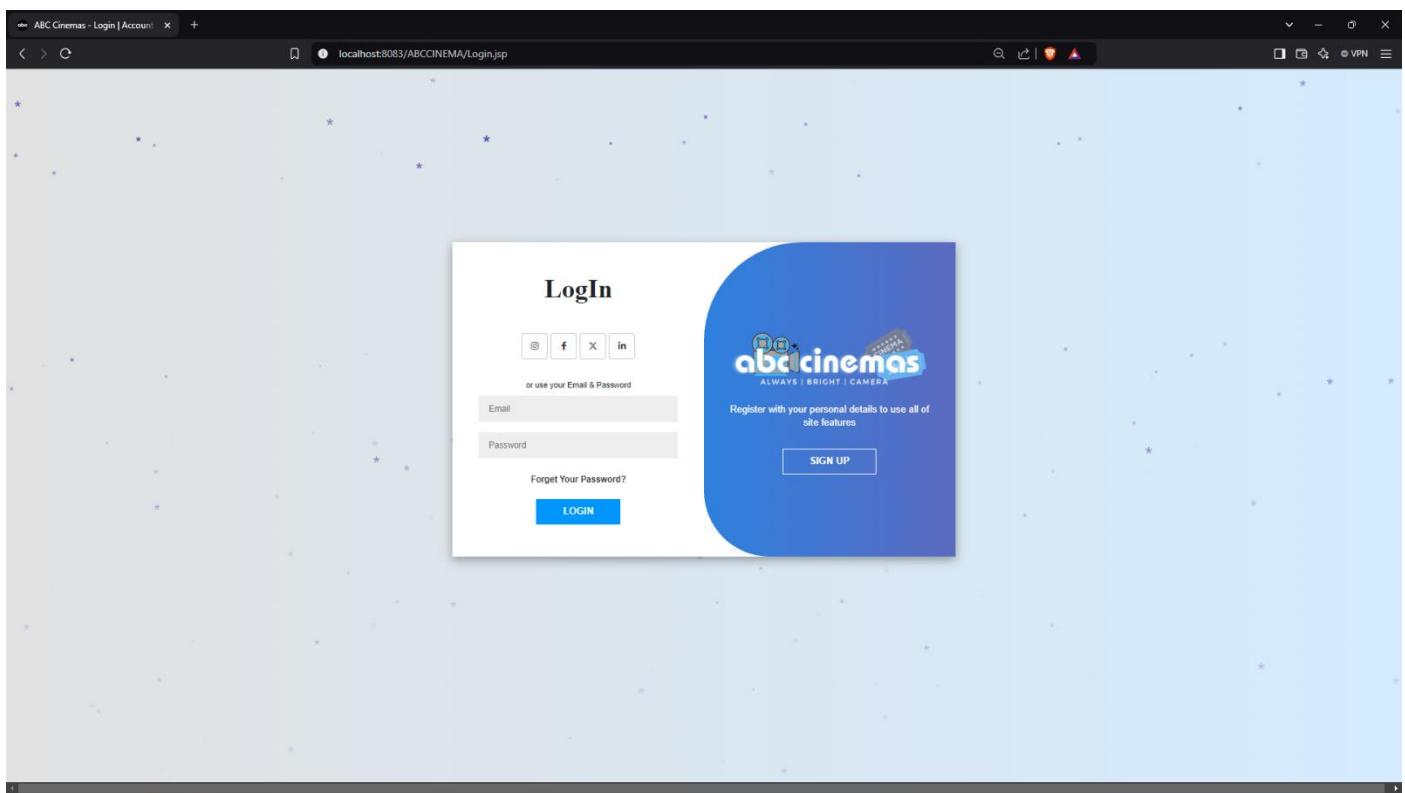
<!-- Navbar Shading -->
<script>
    window.addEventListener("scroll", function() {
        const navbar = document.querySelector(".navbar");
        if (window.scrollY > 50) {
            navbar.classList.add("scrolled");
        } else {
            navbar.classList.remove("scrolled");
        }
    });
</script>

```

This is also one of the main page of our website. Because this page consists of special showing movies that is screened in best quality theatres, like IMAX, Atmos Dolby and luxe. Including images and details in separated row tags using CSS codes (inline / external – Buy.css).

By clicking on the Book now button will direct the user to the seat selecting page with the selected movie title. Using JS codes all the movie titles are connected to the seats selecting page with automatically adding the name of the selected movie.

7. Login and Signup Page



- Codes of the Login and Signup Page

```

<div class="container" id="container">
    <div class="form-container sign-up" id="formcon">
        <form action="SignupServlet" method="post">
            <div class="social-icons">
                <a href="#" class="icon"><i class="fa-brands fa-instagram"></i></a>
                <a href="#" class="icon"><i class="fa-brands fa-facebook-f"></i></a>
                <a href="#" class="icon"><i class="fa-brands fa-x-twitter"></i></a>
                <a href="#" class="icon"><i class="fa-brands fa-linkedin-in"></i></a>
            </div>
            <span>or use your Email for registration</span>
            <input type="text" name="name" placeholder="Name" required>
            <input type="email" name="email" placeholder="Email" required>
            <input type="password" name="password" placeholder="Password" required>
            <button>Sign Up</button>
        </form>
    </div>
    <div class="form-container sign-in" style="display:none;">
        <form action="LoginServlet" method="post">
            <h3>Log In</h3>
            <div class="social-icons">
                <a href="#" class="icon"><i class="fa-brands fa-instagram"></i></a>
                <a href="#" class="icon"><i class="fa-brands fa-facebook-f"></i></a>
                <a href="#" class="icon"><i class="fa-brands fa-x-twitter"></i></a>
                <a href="#" class="icon"><i class="fa-brands fa-linkedin-in"></i></a>
            </div>
            <span>or use your Email & Password</span>
            <input type="email" name="email" placeholder="Email" required>
            <input type="password" name="password" placeholder="Password" required>
            <a href="#">Forgot Your Password?</a>
            <button>Log In</button>
        </form>
    </div>
    <div class="toggle-container">
        <div class="togglego">
            <div class="toggle-panel toggle-left">
                <h1>Welcome !</h1>
                <img alt="New Logo Black.png" width="300px" height="100px">
                <button class="hidden" id="Login">Log In</button>
            </div>
            <div class="toggle-panel toggle-right">
                <img alt="New Logo white.png" width="300px" height="100px">
                <p>Register with your personal details to use all of site features</p>
                <button class="hidden" id="register">Sign Up</button>
            </div>
        </div>
    </div>

```

```

<script>
    const container = document.getElementById('container');
    const registerBtn = document.getElementById('register');
    const loginBtn = document.getElementById('login');

    registerBtn.addEventListener('click', () => {
        container.classList.add("active");
    });

    loginBtn.addEventListener('click', () => {
        container.classList.remove("active");
    });
</script>
<!-- Pre loader -->
<script>
    window.addEventListener("load", function () {
        const preloader = document.getElementById("preloader");
        const mainContent = document.getElementById("main-content");

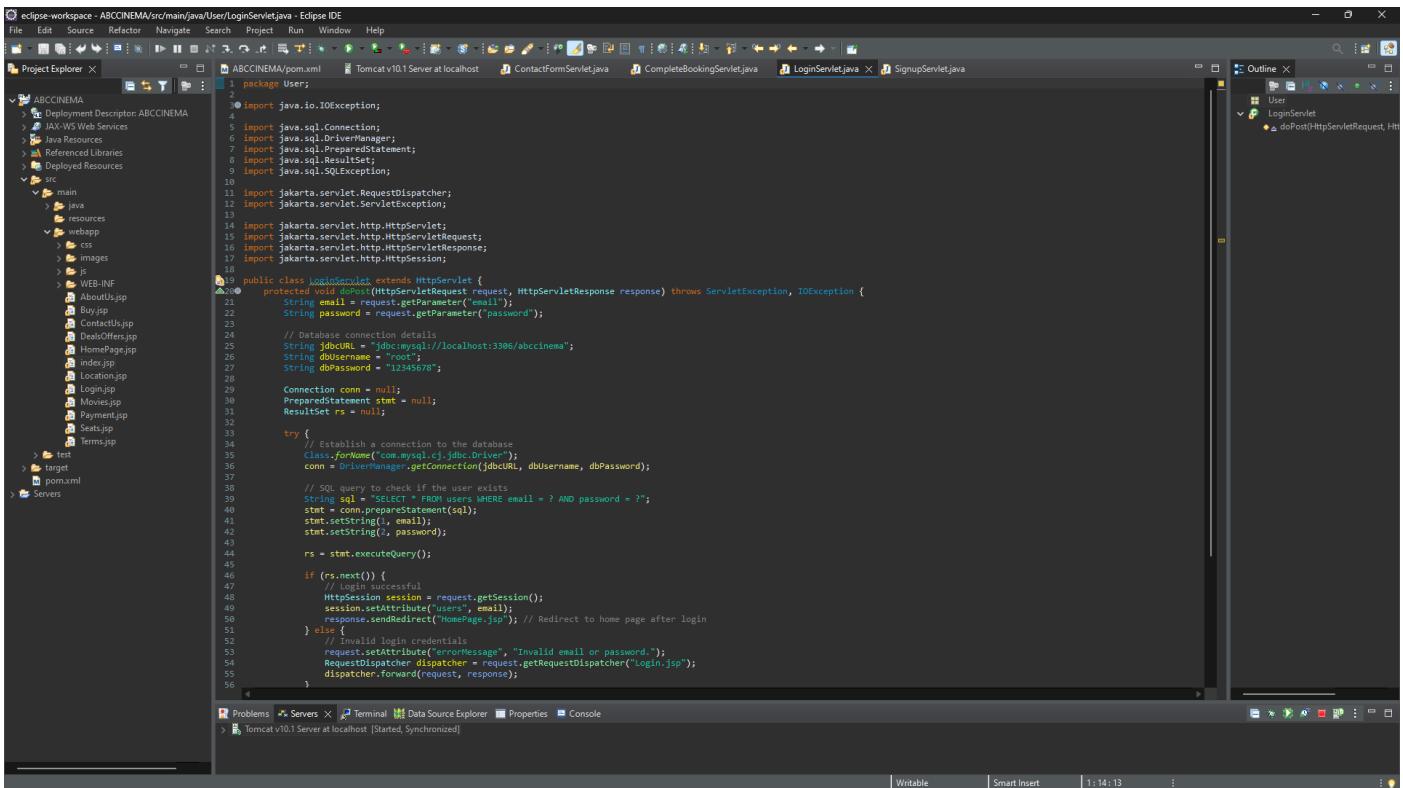
        setTimeout(() => {
            preloader.style.display = "none"; // Hide preloader
            mainContent.style.display = "block"; // Show main content
        }, 1000); // Adjust delay as needed (1000ms = 1 second)
    });
</script>
<!-- Nav Shading -->
<script>
    window.addEventListener("scroll", function() {
        const navbar = document.querySelector(".navbar");
        if (window.scrollY > 50) {
            navbar.classList.add("scrolled");
        } else {
            navbar.classList.remove("scrolled");
        }
    });
</script>

```

This is the Page where users can manage their user accounts. New users can create a account on this Signup side and existing users can Login to their account by using Login side. Using a toggler sides are changing to Login side and Signup side.

Using a container tag content is on the middle of the webpage. Toggler tag is set to the left side via CSS for Login side and Toggler tag is set to the right side for Signup side. This toggler changing functionality and all other contents and functions are well maintained with JS and CSS codes (inline / external – Login.css).

- Servlet files of the Login Page



The screenshot shows the Eclipse IDE interface with the project 'ABCCINEMA' open. The 'LoginServlet.java' file is the active editor. The code implements a HttpServlet to handle user login. It connects to a MySQL database using JDBC and executes a SQL query to check if the provided email and password match an existing user. If successful, it creates a HttpSession and redirects to the homepage ('HomePage.jsp'). If unsuccessful, it sets an error message and forwards the request back to the login page ('Login.jsp').

```

package User;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

public class LoginServlet extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        String email = request.getParameter("email");
        String password = request.getParameter("password");

        // Database connection details
        String jdbcURL = "jdbc:mysql://localhost:3306/abccinema";
        String dbUsername = "root";
        String dbPassword = "12345678";

        Connection conn = null;
        PreparedStatement stmt = null;
        ResultSet rs = null;

        try {
            // Establish a connection to the database
            Class.forName("com.mysql.cj.jdbc.Driver");
            conn = DriverManager.getConnection(jdbcURL, dbUsername, dbPassword);

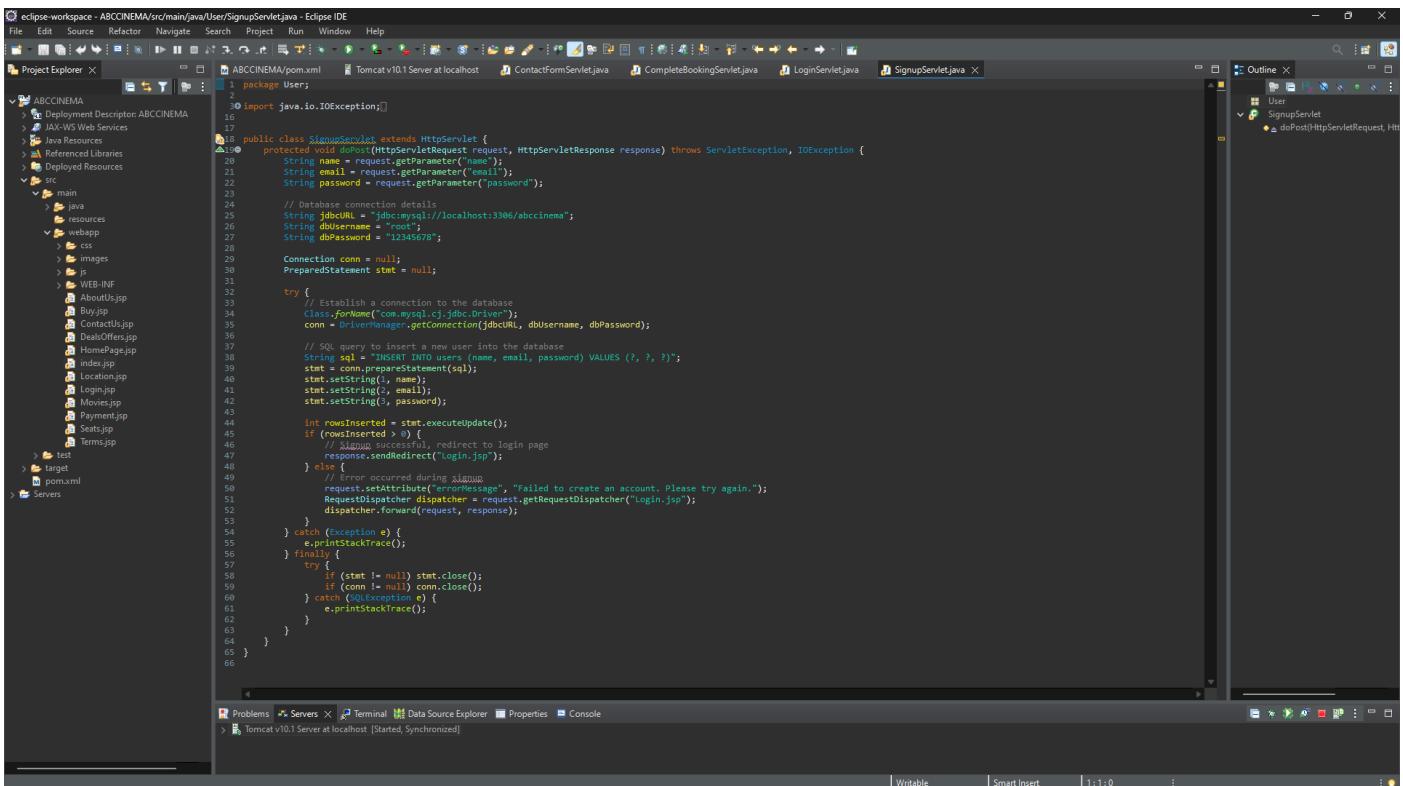
            // SQL query to check if the user exists
            String sql = "SELECT * FROM users WHERE email = ? AND password = ?";
            stmt = conn.prepareStatement(sql);
            stmt.setString(1, email);
            stmt.setString(2, password);

            rs = stmt.executeQuery();

            if (rs.next()) {
                // Login successful
                HttpSession session = request.getSession();
                session.setAttribute("users", email);
                response.sendRedirect("HomePage.jsp"); // Redirect to home page after login
            } else {
                // Invalid login credentials
                request.setAttribute("errorMessage", "Invalid email or password.");
                RequestDispatcher dispatcher = request.getRequestDispatcher("Login.jsp");
                dispatcher.forward(request, response);
            }
        } catch (SQLException e) {
            e.printStackTrace();
        } finally {
            try {
                if (stmt != null) stmt.close();
                if (conn != null) conn.close();
            } catch (SQLException e) {
                e.printStackTrace();
            }
        }
    }
}

```

- Servlet file of the Signup page



The screenshot shows the Eclipse IDE interface with the project 'ABCCINEMA' open. The 'SignupServlet.java' file is the active editor. The code implements a HttpServlet to handle user signup. It connects to a MySQL database using JDBC and executes an SQL query to insert new user data into the 'users' table. If the insertion is successful, it sends a redirect to the login page ('Login.jsp'). If an error occurs during the process, it sets an error message and forwards the request back to the login page ('Login.jsp').

```

package User;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

public class SignupServlet extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        String name = request.getParameter("name");
        String email = request.getParameter("email");
        String password = request.getParameter("password");

        // Database connection details
        String jdbcURL = "jdbc:mysql://localhost:3306/abccinema";
        String dbUsername = "root";
        String dbPassword = "12345678";

        Connection conn = null;
        PreparedStatement stat = null;

        try {
            // Establish a connection to the database
            Class.forName("com.mysql.cj.jdbc.Driver");
            conn = DriverManager.getConnection(jdbcURL, dbUsername, dbPassword);

            // SQL query to insert new user data
            String sql = "INSERT INTO users (name, email, password) VALUES (?, ?, ?)";
            stat = conn.prepareStatement(sql);
            stat.setString(1, name);
            stat.setString(2, email);
            stat.setString(3, password);

            int rowsInserted = stat.executeUpdate();
            if (rowsInserted > 0) {
                // Signup successful, redirect to login page
                response.sendRedirect("Login.jsp");
            } else {
                // Error occurred during signup
                request.setAttribute("errorMessage", "Failed to create an account. Please try again.");
                RequestDispatcher dispatcher = request.getRequestDispatcher("Login.jsp");
                dispatcher.forward(request, response);
            }
        } catch (Exception e) {
            e.printStackTrace();
        } finally {
            try {
                if (stat != null) stat.close();
                if (conn != null) conn.close();
            } catch (SQLException e) {
                e.printStackTrace();
            }
        }
    }
}

```

These are the 2 servlet files we developed to build the connections between our database in the mySql workbench. When a new user enter user's details and signup that data will be stored in the table below mentioned. If a user was already signed that user's data will select from the entered queries in servlets and that user can login.

- User table of the database

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'File', 'Edit', 'View', 'Query', 'Database', 'Server', 'Tools', 'Scripting', and 'Help' are visible. The 'Navigator' pane on the left lists 'SCHEMAS' (abccinema, sakila, sys, world) and 'Tables' (contacts, feedback, movies, users). The 'Query 1' tab contains the query: 'SELECT * FROM abccinema.users;'. The 'Result Grid' shows the following data:

	id	name	email	password
1	Dinoth Kavinda	dinoth08@gmail.com	12345	
2	Dulaj Dulath	dulaj.dulath@gmail.com	12345	
3				
4				
5				

The 'Output' pane at the bottom shows the execution history:

#	Time	Action	Message	Duration / Fetch
1	21:29:40	SELECT * FROM abccinema.contacts LIMIT 0, 1000	7 row(s) returned	0.015 sec / 0.000 sec
2	21:30:52	SELECT * FROM abccinema.feedback LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
3	21:31:02	SELECT * FROM abccinema.contacts LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec
4	21:32:09	SELECT * FROM abccinema.movies LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
5	21:32:24	SELECT * FROM abccinema.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

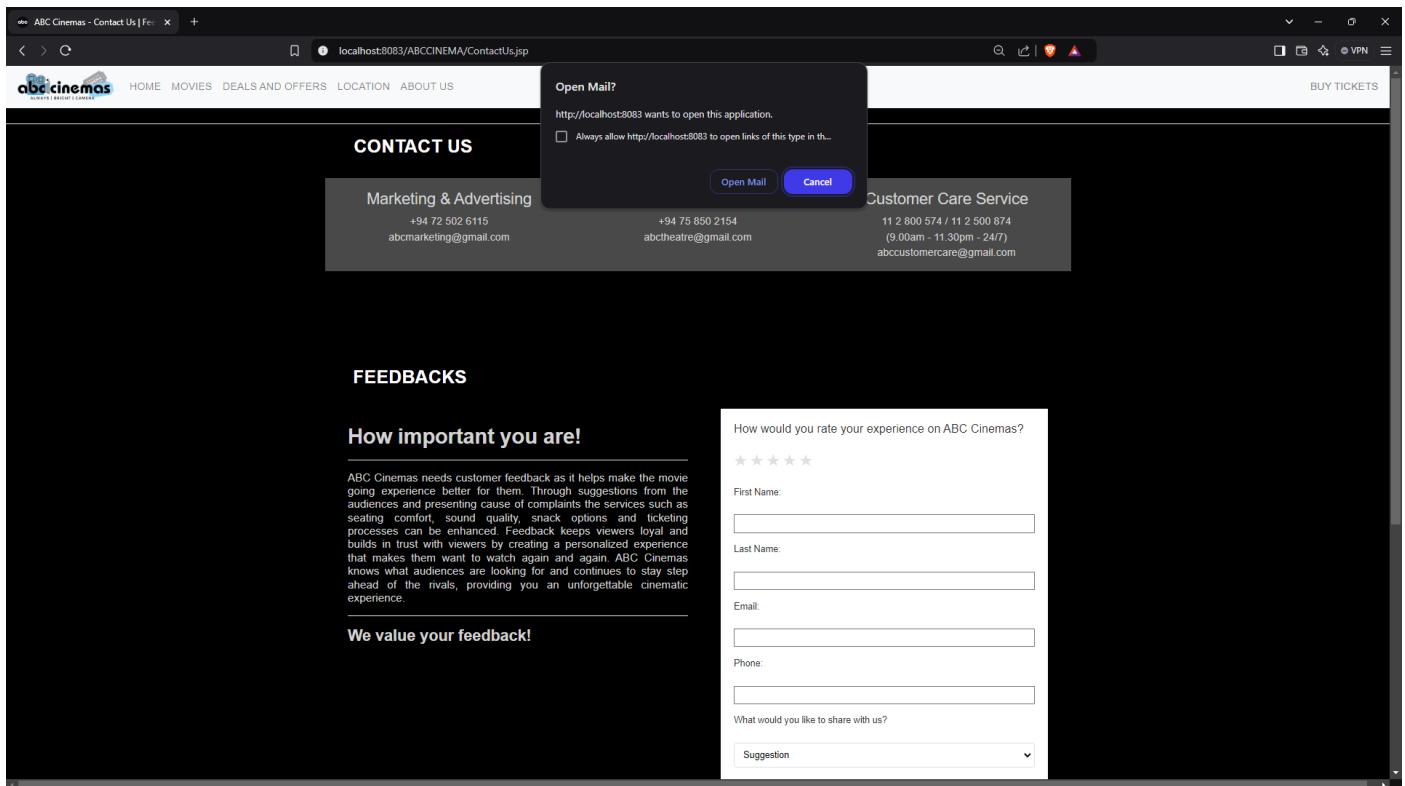
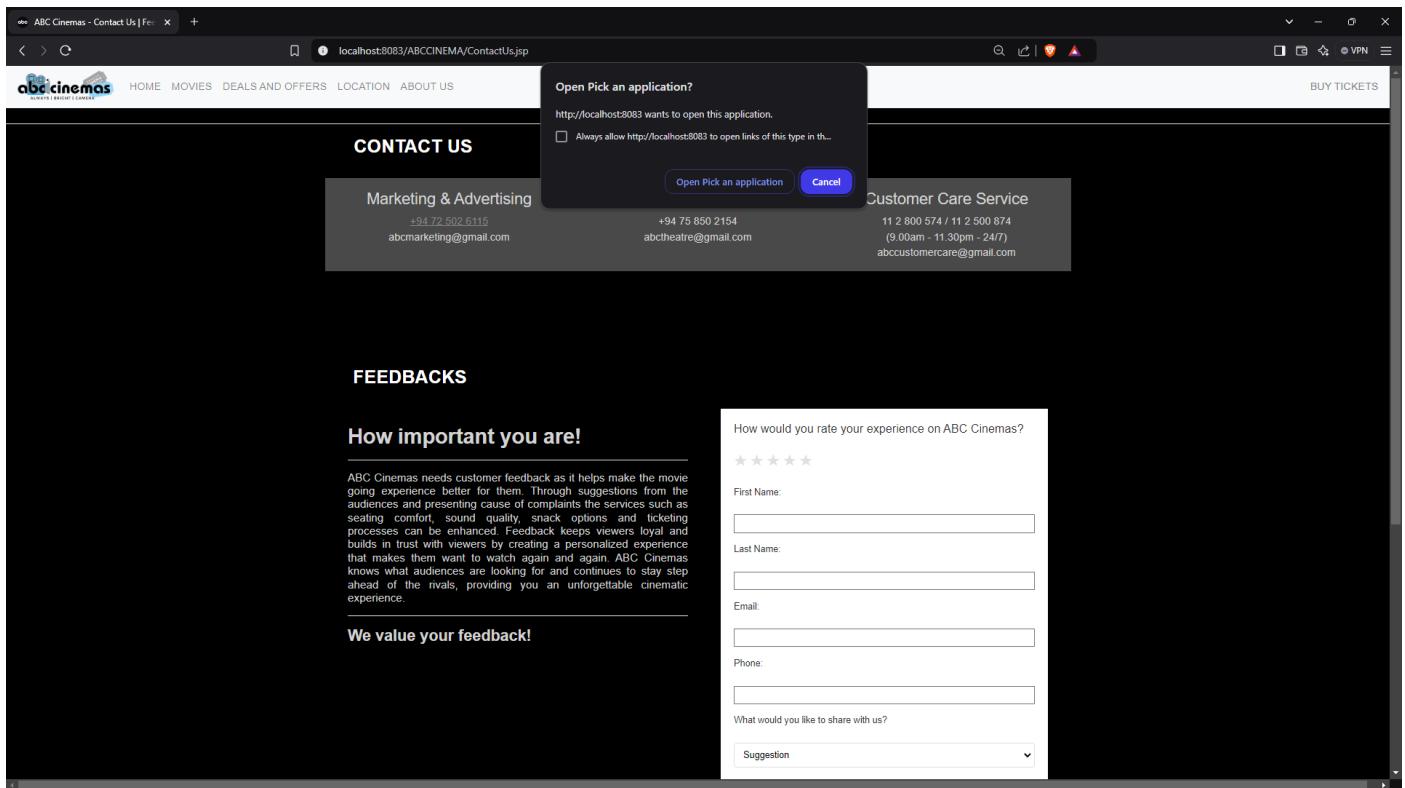
8. Feedback with Contact Us page

The screenshot shows a web browser displaying the 'ABC Cinemas - Contact Us | Fe' page at 'localhost:8083/ABCCINEMA/ContactUs.jsp'. The header includes the ABC Cinemas logo, 'HOME', 'MOVIES', 'DEALS AND OFFERS', 'LOCATION', 'ABOUT US', and 'BUY TICKETS'.

The main content features a 'CONTACT US' section with three boxes: 'Marketing & Advertising' (Email: abcmarketing@gmail.com), 'Theatre Contact Details' (Phone: +94 72 502 6115, Email: abctheatre@gmail.com), and 'Customer Care Service' (Phone: 11 2 800 574 / 11 2 500 874, Email: abccustomercare@gmail.com).

Below this is a 'FEEDBACKS' section with a heading 'How important you are!'. It contains a paragraph about the importance of customer feedback for moviegoing experiences and a 'We value your feedback!' button.

A modal window titled 'How would you rate your experience on ABC Cinemas?' is open. It includes a 5-star rating scale, input fields for 'First Name', 'Last Name', 'Email', and 'Phone', a text area for 'What would you like to share with us?', and a dropdown menu for 'Suggestion'.



The screenshot shows a web browser window for 'ABC Cinemas - Contact Us | Fe...' at 'localhost:8083/ABCCINEMA/ContactUs.jsp'. The page has a dark theme with a navigation bar at the top. A central section titled 'CONTACT US' contains two boxes: 'Marketing & Advertising' with contact info (+94 72 502 6115, abcmarketing@gmail.com) and 'Customer Care Service' with contact info (11 2 800 574 / 11 2 500 874, abccustomercare@gmail.com). Below these is a 'FEEDBACKS' section with a 'How important you are!' heading and a text block about customer feedback. A 'We value your feedback!' button is present. A Microsoft Store app selection dialog is overlaid on the page, asking 'Select an app to open this 'mailto' link'. It lists 'Default app' (Mail), 'Suggested apps' (Brave, Google Chrome, New), and 'Outlook' variants. Buttons for 'Always' and 'Just once' are at the bottom. To the right of the dialog is a feedback form asking 'How would you rate your experience on ABC Cinemas?' with a 5-star rating scale, input fields for First Name, Last Name, Email, and Phone, and a 'What would you like to share with us?' dropdown set to 'Suggestion'. There's also a text area for 'Write your ideas & experience about us here!' and another for 'Write your feedback here...'. A note at the bottom says 'If you need assistance with ABC Cinemas, please [click here](#) to contact us as soon as possible.' and a blue 'Submit' button.

This screenshot shows the same web browser window as the first one, but the Microsoft Store app selection dialog is no longer visible. The rest of the page content remains the same, including the 'CONTACT US' section, the 'FEEDBACKS' section with its heading and text, the 'We value your feedback!' button, and the overlaid feedback form. The feedback form includes fields for First Name, Last Name, Email, Phone, and a suggestion dropdown, along with text areas for sharing ideas/experience and writing feedback, and a 'Submit' button.

- Codes for the Contact Us Page

eclipse-workspace - ABCCINEMA/src/main/webapp/ContactUs.jsp - Eclipse IDE

```
<h3 style="font-family: sans-serif; color: white; margin-right: 870px;"><b>CONTACT US</b></center><br>
<div class="container">
  <div style="text-align: center; margin-bottom: 20px;">
    <h3>Marketing & Advertising</h3>
    <hr style="margin-left: 20px; margin-right: 20px;">
    <a href="#" onclick="openTelLink()"+94.72.502.6115.<a href="mailto:abcmarketing@gmail.com" onclick="checker()".abcmarketing@gmail.com.<a>
  </div>
  <div style="text-align: center; margin-bottom: 20px;">
    <h3>Theatre Contact Details:</h3>
    <hr style="margin-left: 20px; margin-right: 20px;">
    <a href="#" onclick="openTelLink()"+94.75.858.2154.<a href="mailto:abctheatre@gmail.com" onclick="checker()".abctheatre@gmail.com.<a>
  </div>
  <div style="text-align: center; margin-bottom: 20px;">
    <h3>Customer Care Service</h3>
    <hr style="margin-left: 20px; margin-right: 20px;">
    <a href="#" onclick="openTelLink()"+11.2.800.574.<a href="mailto:abccustomerservice@gmail.com" onclick="checker()".abccustomerservice@gmail.com.<a>
  </div>
</div>
<br>
<section id="feedback">
  <hr style="margin-left: 20px; margin-right: 20px;">
  <h3 style="font-family: sans-serif; color: white; margin-right: 880px;"><b>FEEDBACKS</b></center><br>
  <div class="row">
    <div class="col-xl-6">
      <hr style="margin-left: 20px; margin-right: 20px;">
      <h2 id="h2" style="margin-left: 20px;">How important you are!</h2>
      <hr style="margin-left: 20px; margin-right: 20px;">
      <h5 id="h5" style="margin-left: 20px;">ABC Cinemas needs customer feedback as it helps make the movie going experience better for them. Through suggestions from the audience, we can improve our services and products.</h5>
      <hr style="margin-left: 20px; margin-right: 20px;">
      <h4 id="h4" style="margin-left: 20px;">We value your feedback!</h4>
    </div>
    <div class="col-xl-6">
      <div class="feedback-card">
        <div class="header">
          <h2>How would you rate your experience on ABC Cinemas?</h2>
        </div>
        <div class="stars">
          <span class="star">&#9733;</span>
          <span class="star">&#9733;</span>
          <span class="star">&#9733;</span>
          <span class="star">&#9733;</span>
          <span class="star">&#9733;</span>
          <span class="star inactive">&#9733;</span>
        </div>
        <form action="ContactFormServlet" method="post">
          <label for="first-name">First Name:</label>
          <input type="text" id="first-name" name="first-name" required>
          <label for="last-name">Last Name:</label>
          <input type="text" id="last-name" name="last-name" required>
          <label for="email">Email:</label>
          <input type="email" id="email" name="email" required>
          <label for="phone">Phone:</label>
          <input type="text" id="phone" name="phone" required>
          <label for="feedback-type">What would you like to share with us?</label>
          <select id="feedback-type" name="feedback-type">
            <option value="suggestion">Suggestions</option>
            <option value="complaint">Complaint or Technical error</option>
            <option value="greatness">Great Experience</option>
            <option value="complaint">Complaint</option>
          </select>
          <label for="feedback-details">Write your ideas & experience about us here!</label>
          <textarea id="feedback-details" name="feedback-details" placeholder="write your feedback here..." required></textarea>
          <p id="p1">If you need assistance with ABC Cinemas, please <a href="#" onclick="openTelLink()".click here</a> to contact us as soon as possible.</p>
          <button type="submit" class="submit-btn">Submit</button>
        </form>
      </div>
    </div>
  </div>
</section>
```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Apache Tomcat] C:\Program Files\Java\dk-22\bin\javaw.exe [16 Dec 2024, 11:38:43] [pid: 16992]

Dec 16, 2024 12:32:07 PM org.apache.jasper.servlet.TldScanner scanJars

INFO: At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this logger for a complete list of JARs that were scanned but no TLDs were found in them. Skipping unneeded JARs during scanning can improve startup time.

Dec 16, 2024 12:32:07 PM org.apache.catalina.core.StandardContext reload

INFO: Reloading Context with name [/ABCCINEMA] is completed

eclipse-workspace - ABCCINEMA/src/main/webapp/ContactUs.jsp - Eclipse IDE

```
<hr style="margin-left: 20px; margin-right: 20px;">
<h3 style="font-family: sans-serif; color: white; margin-right: 880px;"><b>FEEDBACKS</b></center><br>
<div class="row">
  <div class="col-xl-6">
    <hr style="margin-left: 20px; margin-right: 20px;">
    <h2 id="h2" style="margin-left: 20px;">How important you are!</h2>
    <hr style="margin-left: 20px; margin-right: 20px;">
    <h5 id="h5" style="margin-left: 20px;">ABC Cinemas needs customer feedback as it helps make the movie going experience better for them. Through suggestions from the audience, we can improve our services and products.</h5>
    <hr style="margin-left: 20px; margin-right: 20px;">
    <h4 id="h4" style="margin-left: 20px;">We value your feedback!</h4>
  </div>
  <div class="col-xl-6">
    <div class="feedback-card">
      <div class="header">
        <h2>How would you rate your experience on ABC Cinemas?</h2>
      </div>
      <div class="stars">
        <span class="star">&#9733;</span>
        <span class="star">&#9733;</span>
        <span class="star">&#9733;</span>
        <span class="star">&#9733;</span>
        <span class="star">&#9733;</span>
        <span class="star inactive">&#9733;</span>
      </div>
      <form action="ContactFormServlet" method="post">
        <label for="first-name">First Name:</label>
        <input type="text" id="first-name" name="first-name" required>
        <label for="last-name">Last Name:</label>
        <input type="text" id="last-name" name="last-name" required>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
        <label for="phone">Phone:</label>
        <input type="text" id="phone" name="phone" required>
        <label for="feedback-type">What would you like to share with us?</label>
        <select id="feedback-type" name="feedback-type">
          <option value="suggestion">Suggestions</option>
          <option value="complaint">Complaint or Technical error</option>
          <option value="greatness">Great Experience</option>
          <option value="complaint">Complaint</option>
        </select>
        <label for="feedback-details">Write your ideas & experience about us here!</label>
        <textarea id="feedback-details" name="feedback-details" placeholder="write your feedback here..." required></textarea>
        <p id="p1">If you need assistance with ABC Cinemas, please <a href="#" onclick="openTelLink()".click here</a> to contact us as soon as possible.</p>
        <button type="submit" class="submit-btn">Submit</button>
      </form>
    </div>
  </div>
</div>
```

Problems Servers Terminal Data Source Explorer Properties Console

Tomcat v10.1 Server at localhost [Apache Tomcat] C:\Program Files\Java\dk-22\bin\javaw.exe [16 Dec 2024, 11:38:43] [pid: 16992]

Dec 16, 2024 12:32:07 PM org.apache.jasper.servlet.TldScanner scanJars

INFO: At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this logger for a complete list of JARs that were scanned but no TLDs were found in them. Skipping unneeded JARs during scanning can improve startup time.

Dec 16, 2024 12:32:07 PM org.apache.catalina.core.StandardContext reload

INFO: Reloading Context with name [/ABCCINEMA] is completed

```

<!-- Smooth Scrolling to PRIVACY POLICY -->
<style>
    html {
        scroll-behavior: smooth;
    }
</style>
<script>
    document.querySelectorAll('a[href="#"]').forEach(anchor => {
        anchor.addEventListener('click', function (e) {
            e.preventDefault();
            document.querySelector(this.getAttribute('href')).scrollIntoView({
                behavior: 'smooth'
            });
        });
    });
</script>
<!-- Navbar Shading -->
<script>
    window.addEventListener("scroll", function() {
        const navbar = document.querySelector(".navbar");
        if (window.scrollY > 50) {
            navbar.classList.add("scrolled");
        } else {
            navbar.classList.remove("scrolled");
        }
    });
</script>
<!-- Prompt -->
<script>
    function checker() {
        var result = confirm('Open Pick an App?');
        if (result == false) {
            event.preventDefault();
        }
    }
</script>
<!-- For Opening the App list in the User device -->
<script>
    function openTelLink() {
        // This will trigger the app picker
        window.location.href = "tel:+91 72 502 6115";
    }
</script>
<!-- For Star Clicker -->
<script>
    document.addEventListener('DOMContentLoaded', () => {
        const stars = document.querySelectorAll('.star');
        stars.forEach(star => {
            star.addEventListener('click', () => {
                let index = Array.from(stars).indexOf(star);
                if (index === stars.length - 1) {
                    star.innerHTML = '5';
                } else {
                    star.innerHTML = index + 1;
                }
            });
        });
    });
</script>

```

The screenshot shows the Eclipse IDE interface with the ContactUs.jsp file open in the editor. The code includes various JavaScript and CSS snippets for navigation, styling, and user interaction. The Eclipse interface also shows the Project Explorer, Outline, and Console tabs.

Visualization of the customer feedbacks for managerial decision making is a special part of this online movie ticket booking platform. It's included in this Contact Us page. This page includes all the contact ways of our ABC Cinemas for the users.

By clicking of any Email address in the webpage will open a new window to select the user's Email application of user's device. By adding "mailto" keyword to the href tag with Email address will create that function. And clicking on any phone number will also open the calling application of user's device. To complete these functions used JS codes are added in the above screenshots.

And especially the customer feedback system consists of star rating system that is developed by CSS (inline / external – ContactUs.css) and JS codes. Users can rate ABC Cinemas out of 5 and leave a message according to the made form above added in the screenshots. After clicking on the Submit button will save the feedback to the database.

This page is separated into 2 parts using section tags. Because in the footer a user can click the Feedback text and user will direct to the Contact Us page and automatically scroll down to the Feedback section. For this functionality, has special JS code.

- Servlet file for getting the customer feedback process

eclipse-workspace - ABCCINEMA/src/main/java/ContactFormServlet/ContactFormServlet.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer ABCCINEMA/pom.xml Tomcat v10.1 Server at localhost ContactFormServlet.java CompleteBookingServlet.java LoginServlet.java SignupServlet.java Outline

ABCINEMA

> Deployment Descriptor: ABCINEMA

> JAX-WS Web Services

> Java Resources

> Referenced Libraries

> Deployed Resources

src

> main

> > java

> > resources

> > webapp

> > > css

> > > images

> > > js

> > > WEB-INF

> > > AboutUs.jsp

> > > Buy.jsp

> > > ContactUs.jsp

> > > DetailsOffer.jsp

> > > HomeOffer.jsp

> > > Index.jsp

> > > Location.jsp

> > > Movie.jsp

> > > Payment.jsp

> > > Seats.jsp

> > > Terms.jsp

> test

> target

pom.xml

Servers

```
package jakarta.servlet.ServletException;
```

```
import jakarta.servlet.http.HttpServlet;
```

```
import jakarta.servlet.http.HttpServletRequest;
```

```
import jakarta.servlet.http.HttpServletResponse;
```

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
```

```
throws ServletException, IOException {
```

```
String firstname = request.getParameter("first-name");
```

```
String lastname = request.getParameter("last-name");
```

```
String email = request.getParameter("email");
```

```
String phone = request.getParameter("phone");
```

```
String feedbackType = request.getParameter("feedback-type");
```

```
String feedbackDetails = request.getParameter("feedback-details");
```

```
Connection connection = null;
```

```
PreparedStatement statement = null;
```

```
try {
```

```
// Database connection details
```

```
String dbURL = "jdbc:mysql://localhost:3306/abccinema";
```

```
String dbUser = "root";
```

```
String dbPassword = "12345678";
```

```
// Establish connection
```

```
Class.forName("com.mysql.cj.jdbc.Driver");
```

```
connection = DriverManager.getConnection(dbURL, dbUser, dbPassword);
```

```
// Insert query
```

```
String query = "INSERT INTO contacts (first_name, last_name, email, phone, feedback_type, feedback_details) VALUES (?, ?, ?, ?, ?, ?);"
```

```
statement = connection.prepareStatement(query);
```

```
statement.setString(1, firstname);
```

```
statement.setString(2, lastname);
```

```
statement.setString(3, email);
```

```
statement.setString(4, phone);
```

```
statement.setString(5, feedbackType);
```

```
statement.setString(6, feedbackDetails);
```

```
// Execute the query
```

```
int rowsInserted = statement.executeUpdate();
```

```
if (rowsInserted == 0) {
```

```
// Set success message in session
```

```
HttpSession session = request.getSession();
```

```
response.getWriter().println("Thank you for contacting us! We will get back to you soon.");
```

```
// Redirect to the JSP
```

```
}
```

```
} catch (ClassNotFoundException e) {
```

```
e.printStackTrace();
```

```
response.getWriter().println("Database driver not found.");
```

```
} catch (SQLException e) {
```

```
e.printStackTrace();
```

```
response.getWriter().println("Error inserting data into database.");
```

```
} finally {
```

```
// Close resources
```

Problems Servers Terminal Data Source Explorer Properties Console

> Tomcat v10.1 Server at localhost [Started, Synchronized]

Writable Smart Insert 58:16 2490

This servlet file is where the database connections are developed. After creating the table named "contacts", when a user fill the form and Submit the entered feedback will be stored in this table which is created in the database (ABC Cinema) of mySql Workbench.

9. Terms & Conditions and Privacy Policies Page

ABC Cinemas - Online Movie T +

localhost:8083/ABCCINEMA/Terms.jsp

HOME MOVIES DEALS AND OFFERS LOCATION ABOUT US BUY TICKETS

Our Terms & Conditions

Introduction

ABC Cinemas Private Limited, a company driven in Sri Lanka (referred to as "ABC CINEMAS," "www.abccinemas.com," "we," "us," or "our" herein) owns and operates www.abccinemas.com. PLEASE READ THESE TERMS OF USE BEFORE USING THIS SITE. If you use this Site or click on a box stating that you are agreeing to or accept these terms, you represent that you will accept and agree to these terms of use.

You authorize us to use your email address for marketing and promotional communications, unless you agree to these terms of use, after which you are not permitted to use this Site. You acknowledge and agree that these terms of use are supported by consideration, reasonable and valuable, which the receipt and adequacy of which is hereby acknowledged.

Without limiting the generality of the foregoing, you acknowledge that consideration includes your use of this Site, receipt of data, materials and information available at or through this Site, and the possibility of our use or display of your Submissions (as defined below in Section 3, entitled 'SUBMISSIONS').

Using the Site and Content

You can use the Site only for your personal use. The Site shall not be used in any way that violate any law or that in any way violates us or any other person or entity, at our sole discretion. Hereinafter as the 'site' refers to this website, the terms and conditions of the use of this site include the following. When you gain access to or use this site, you agree that you will abide by these terms and conditions and by all applicable laws, rules, and regulations:

If you do not agree to and accept with these Terms of Use, please do not access and use the service offered by www.abccinemas.com. The simple act of registering with and/or the usage of the www.abccinemas.com services and products, such as www.abccinemas.com website, movie and/or DVD & CD purchasing online and other similar products and services by www.abccinemas.com constitute your consent of reading and understanding the terms and conditions to the same set below and being lawfully bound by your statement of compliance thereto. We may change these terms of use from time to time on the website and reserve the right to do so.

All responsibility for checking this page for terms & conditions rests with you.

Permitted Use

www.abccinemas.com used service is for Personal and Non Commercial use. By using or accessing www.abccinemas.com, you agree that you are not going to duplicate, download, distribute, publish, prepare any derivative work, or use any materials contained on www.abccinemas.com, on any Web site, or on any interactive computer service or in any manner whatsoever.

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Payment

The banking payment gateway does not give us the authority to make any payments, so all payments are subject to the terms and conditions of each bank. Our Payment system does not store your credit or debit card details. It is the bank processing the transaction that retains the processed payment and credit card details.

We do not charge Nation Building Tax as applicable and all prices include Value Added Tax (VAT).

ABC Cinemas - Online Movie T + localhost:8083/ABCCINEMA/Terms.jsp BUY TICKETS

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User Conduct

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- Defamatory, slanderous, or libelous.
- For sexually suggestive and/or explicit sexual content (including nudity), child pornography.
- Disparage or tend to offend one other individual or group on the basis of his or her religion, gender, sexual orientation, race, ethnicity, age, or disability.
- Abuses, threatens, harasses or invades the privacy of any third party.
- Is an unfair competition on the part of any third party, including without limitation, infringing any patent, trademark, trade secret, copyright, right of publicity or product name or any other proprietary rights.
- Contains, promotes, condones, links to, or is linked to by cracks, hacks or similar utilities or programs.
- Unconstitutional or unauthorized solicitation, junk or bulk email ("spam"), chain letters, any other form of unauthorized solicitation, or any form of lottery or gambling.
- It is software virus or any other computer code purposefully designed or intended for the disruption, damage or limitation of functions in hardware, software or telecommunications equipment or for the damage or the unauthorized access to information or data of any third party.
- Impersonates any person or entity, or their respective employees or representatives.
- Any applicable law or these Terms of Use forth in the [www.abccinemas.com](#) Privacy Policy.

You also agree that you will not use information obtained from [www.abccinemas.com](#) to solicit, or assist in the solicitation of, goods or services for any business purpose that is not your own.

By using [www.abccinemas.com](#), you agree that you will not use systematic retrieval programs to retrieve data or other content from [www.abccinemas.com](#) to create or compile, directly or indirectly, a collection, compilation, database, or directory without [www.abccinemas.com](#)'s prior written consent. You not to do anything that attempt in manipulating or distorting or that forbids the credibility and accuracy of any rates or views of any movie or a different entertainment system that may be showed by [www.abccinemas.com](#).

Copyrights

ABC Cinemas se respeta de la propiedad intelectual de las personas y nos piden lo mismo a nuestros usuarios. ABC Cinemas may, in its sole discretion, investigate allegedly infringing, defamatory, damaging, illegal or offensive content if notified and may edit, remove or request the removal of such content if so notified. But ABC Cinemas does not guarantee that such any of the content mentioned above will be modified or removed. In cases, ABC Cinemas may cut users' accounts, if their intellectual properties are violated.

Property Rights

- Codes of the Terms & Conditions and Privacy Policies Page

Screenshot of Eclipse IDE showing the Terms.jsp file in the editor. The code includes various CSS styles and sections for privacy policy, user conduct, and property rights.

```

<h4 style="font-family: sans-serif; color: white; margin-left: 80px;> PRIVACY POLICY </h4>
<p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> The use of www.abccinemas.com, your access to and download of materials from www.abccine
<div class="container" style="background-color: darkgrey;> </div><br>
<h4 style="font-family: sans-serif; color: white; margin-left: 80px;> User Conduct </h4>
<p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> Your use of www.abccinemas.com is governed by our Privacy Policy. You hereby agree to w
<ul style="list-style-type: none; margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray; text-align: justify;">
<li> -Defamatory, slanderous, or libelous.</li>
<li> For sexually suggestive and/or explicit sexual content (including nudity), child pornography.</li>
<li> Disparage or tends to offend one other person or group on the basis of his or her religion, gender, sexual orientation, race, ethnicity, age, or disability.</li>
<li> Is an unfair competition on the part of any third party, including without limitation, infringing any patent, trademark, trade secret, copyright, right of publicity o
<li> Contains, promotes, condones, links to, or is linked to by cracks, hacks or similar utilities on programs.</li>
<li> Is inconsistent or unauthorized solicitation, just or bulk email ("spam"), chain letters, any other form of unauthorized solicitation, or any form of lottery or gambling
<li> It is software, virus or any other computer code, purposefully designed or intended for disruption, damage or limitation of functions in hardware, software or telec
<li> Violates any laws or regulations of their respective countries or states.</li>
<li> Any applicable law or these Terms of Use forth in the www.abccinemas.com Privacy Policy.</li>
</ul> </p>
<p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> You also agree that you will not use information obtained from www.abccinemas.com to soli
<div class="container" style="background-color: darkgrey;> </div><br>
<h4 style="font-family: sans-serif; color: white; margin-left: 80px;> Copyrights </h4>
<p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> ABC Cinemas se respecta de la propiedad intelectual de las personas y nos piden lo mismo
<div class="container" style="background-color: darkgrey;> </div><br>
<h4 style="font-family: sans-serif; color: white; margin-left: 80px;> Property Rights </h4>
<p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> The rights, title and interest in and to this service and in and to ABC Cinemas (and any
<div class="container" style="background-color: darkgrey;> </div><br>
<h4 style="font-family: sans-serif; color: white; margin-left: 80px;> Terms </h4>
<p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> In its sole and absolute discretion, with or without notice to you, ABC Cinemas may:</p>
<ul style="list-style-type: none; margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray; text-align: justify;">
<li> You are hereby suspended or terminated for utilizing any kind of ABC Cinemas services.</li>
<li> Cancel your ABC Cinemas account.</li>
</ul> <p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> You must notify ABC Cinemas in writing prior to the expiration date that you want to ter
<div class="container" style="background-color: darkgrey;> </div><br>
<h4 style="font-family: sans-serif; color: white; margin-left: 80px;> General </h4>
<p style="margin-left: 90px; margin-right: 80px; text-align: justify; color: lightgray;> The Republic of Sri Lanka shall govern the Terms of Use and the relationship between you
</section> <br>
<div class="row row2">
<div class="col-xxl-5" style="border: 1px solid #ccc; padding: 10px; border-radius: 10px; background-color: #f9f9f9; margin-bottom: 10px; position: relative; height: 100px; width: 100%;">
<div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: linear-gradient(45deg, transparent 45%, black 45%, black 55%, transparent 55%); opacity: 0.5; z-index: 1; ">
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); color: white; font-size: 1.2em; font-weight: bold; z-index: 2; ">
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">Sign up for </h2> <h4 style="margin: 0; font-family: 'sans-serif'; color: white; font-size: 0.8em; font-weight: normal; margin: 0; padding: 0; border: 0; outline: 0; ">get all our Deals and Offers.</h4>
</div>
</div>

```

Screenshot of Eclipse IDE showing the Terms.jsp file in the editor. The code includes a navigation bar with social media icons and a script for smooth scrolling.

```

<h4 style="font-family: sans-serif; color: white; margin-left: 80px;> Newnbsp;a href="#" style="font-family: Constantia, 'Lucida Bright', 'DejaVu Serif', Georgia, 'serif'; color: darkblue; font-size: 25px;">I
<div class="col-xxl-2" style="border: 1px solid #ccc; padding: 10px; border-radius: 10px; background-color: #f9f9f9; margin-bottom: 10px; position: relative; height: 100px; width: 100%;">
<div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: linear-gradient(45deg, transparent 45%, black 45%, black 55%, transparent 55%); opacity: 0.5; z-index: 1; ">
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); color: white; font-size: 1.2em; font-weight: bold; z-index: 2; ">
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">Buy Tickets</h2> <br>
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">Buy Jsp</h2> <br>
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">Movies</h2> <br>
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">All Deals</h2> <br>
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">ContactUs.jsp</h2> <br>
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">Privacy Policies</h2> <br>
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">Terms & Conditions</h2>
</div>
</div>
<div class="col-xxl-2" style="border: 1px solid #ccc; padding: 10px; border-radius: 10px; background-color: #f9f9f9; margin-bottom: 10px; position: relative; height: 100px; width: 100%;">
<div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: linear-gradient(45deg, transparent 45%, black 45%, black 55%, transparent 55%); opacity: 0.5; z-index: 1; ">
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); color: white; font-size: 1.2em; font-weight: bold; z-index: 2; ">
<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">Facebook</h2> <br>

<h2 style="margin: 0; font-family: 'cooper-black-std' !important; color: white; font-size: 1.2em; font-weight: bold; margin: 0; padding: 0; border: 0; outline: 0; ">X</h2> <br>

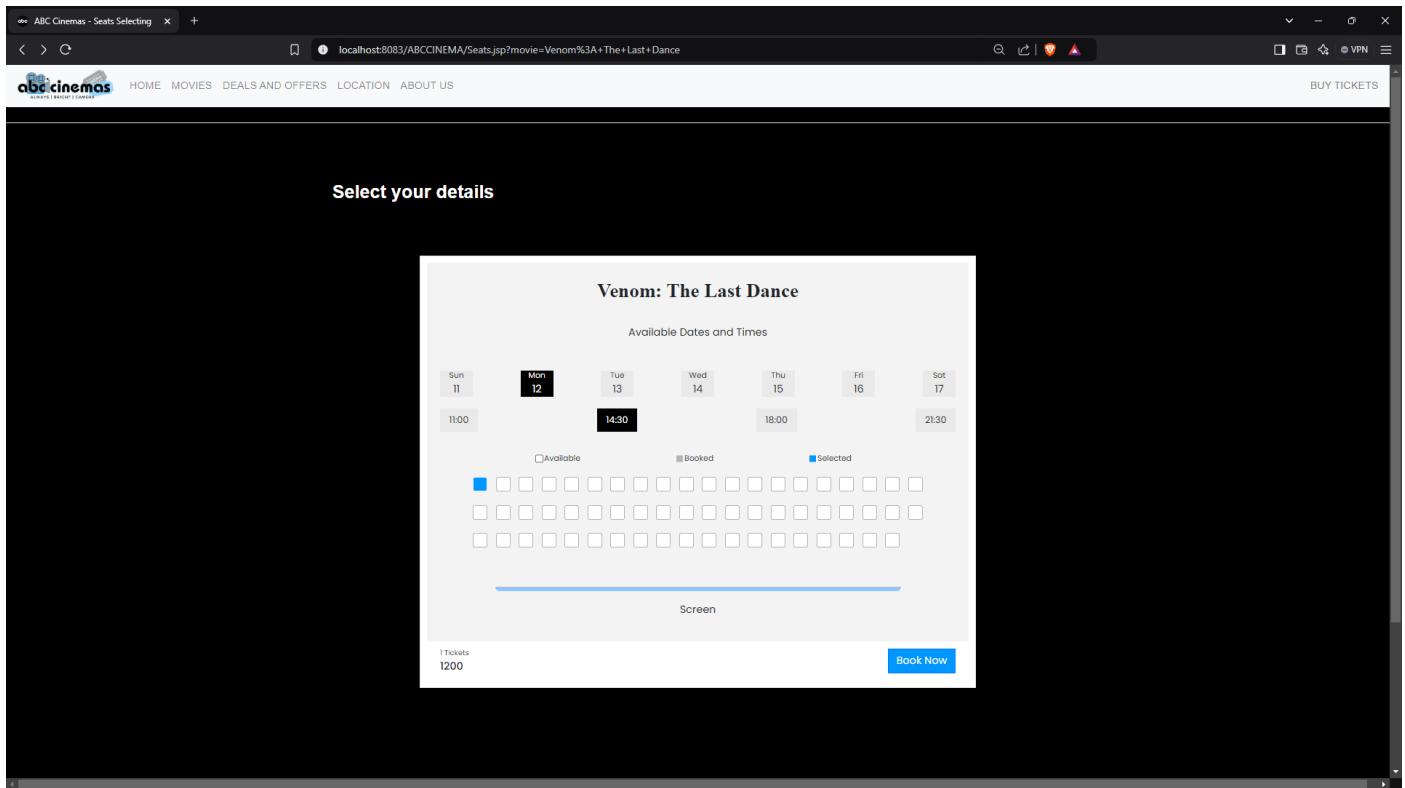
</div>
</div>

```

This page includes the Terms & Conditions and Privacy Policies of this website. These paragraphs separated via p tags and hr tags to develop this page in a clear manner.

And using CSS codes (inline / inline) this page styled as the theme of whole website. Using section tags this webpage separated to a 2 parts that is Terms & Conditions and Privacy Policies. When a user clicks on a any linked text Terms & Conditions or Privacy Policies user will direct to the separated section. For an example if the user clicks on the Privacy Policies user will direct to this page and automatically scroll down to the Privacy Policies section.

10. Seats Selecting Page



• Codes of the Seats Selecting Page

The screenshot shows the Eclipse IDE interface with the 'Seats.jsp' file open in the editor. The code is a JSP page with embedded Java and CSS. It includes sections for movie details, available dates/times, and seat selection. The seat selection part uses radio buttons for dates and times, with specific IDs like 'd1' through 'd7' and 't1' through 't3'. The code is heavily annotated with line numbers from 41 to 93. The right side of the screen shows the 'Outline' view with various Java files listed.

```
<h3 style="font-family: sans-serif; color: white; margin-right: 870px; text-align: center;>Select your details</h3>
<br><br>
<div class="ticket-selector">
    <div class="head">
        <div class="title" style="font-family: alice; font-size: 30px; margin-bottom: 10px;">Movie Name</div>
        <p>Available Dates and Times</p>
        <div class="timings">
            <div class="dates">
                <input type="radio" name="date" id="d1" checked />
                <label for="d1" class="dates-item">Sun</label>
                <input type="radio" name="date" id="d2" />
                <label for="d2" class="dates-item">Mon</label>
                <input type="radio" id="d3" name="date" />
                <label class="dates-item" for="d3">Tue</label>
                <input type="radio" id="d4" name="date" />
                <label class="dates-item" for="d4">Wed</label>
                <input type="radio" id="d5" name="date" />
                <label class="dates-item" for="d5">Thu</label>
                <input type="radio" id="d6" name="date" />
                <label for="d6" class="dates-item">Fri</label>
                <input type="radio" id="d7" name="date" />
                <label for="d7" class="dates-item" style="color: red;">Sat</label>
            </div>
            <div class="times">
                <input type="radio" name="time" id="t1" checked />
                <label for="t1" class="times-item">11:00</label>
                <input type="radio" id="t2" name="time" />
                <label for="t2" class="times-item">14:30</label>
            </div>
        </div>
    </div>
    <div class="body">
        <div style="background-color: #f0f0f0; padding: 10px; border-radius: 5px; margin-bottom: 10px; border: 1px solid #ccc; width: fit-content; margin-left: auto; margin-right: auto; text-align: center; font-size: 14px; font-weight: bold; color: #333; letter-spacing: 1px;">Screen</div>
        <div style="text-align: center; margin-top: 10px; border: 1px solid #ccc; padding: 5px; border-radius: 5px; width: fit-content; margin-left: auto; margin-right: auto; background-color: #f0f0f0; font-size: 12px; color: #333; font-weight: bold; letter-spacing: 1px;">Tickets<br>1200</div>
        <div style="text-align: right; margin-top: 10px; border: 1px solid #007bff; padding: 5px; border-radius: 5px; width: fit-content; margin-left: auto; margin-right: auto; background-color: #007bff; color: white; font-weight: bold; font-size: 12px; letter-spacing: 1px; cursor: pointer;">Book Now</div>
    </div>
</div>
```

eclipse-workspace - ABCCINEMA/src/main/webapp/Seats.jsp - Eclipse IDE

```

<label>
    <input type="radio" id="d5" name="date" />
    <label class="dates-item" for="d5">
        <div class="date">Thu</div>
        <div class="date">Fri</div>
        <div class="date">Sat</div>
        <div class="date">Sun</div>
    </label>
</label>
<input type="radio" id="d6" name="date" />
<label for="d6" class="dates-item">
    <div class="date">Fri</div>
    <div class="date">Sat</div>
    <div class="date">Sun</div>
</label>
<div class="times">
    <input type="radio" name="time" id="t1" checked />
    <label for="t1" class="time">11:00</label>
    <input type="radio" id="t2" name="time" />
    <label for="t2" class="time">14:30</label>
    <input type="radio" id="t3" name="time" />
    <label for="t3" class="time">18:00</label>
    <input type="radio" id="t4" name="time" />
    <label for="t4" class="time">21:30</label>
</div>
</div>
<div class="seats">
    <div class="status">
        <div class="item">Available</div>
        <div class="item">Booked</div>
        <div class="item">Selected</div>
    </div>
    <div class="seat">
        <input type="checkbox" name="tickets" id="s1" />
        <label for="s1" class="seat booked"></label>
    </div>
</div>
<p style="text-align: center;">Screen</p>
</div>
<div class="price">
    <div class="total">
        <span>0</span> Tickets</span>
        <div class="amount">0</div>
    </div>
    <a href="Payment.jsp" class="btn btn-primary" type="button" id="seat">Book Now</a>
</div>

```

html/body/#text

eclipse-workspace - ABCCINEMA/src/main/webapp/Seats.jsp - Eclipse IDE

```

<!-- Seats Booking System -->
<script>
    // Data structure to store booked seats for each date and time
    const bookedSeatsData = [
        d1: { t1: [1, 5, 12], t2: [3, 7, 15], t3: [2, 6, 10], t4: [4, 8, 14] },
        d2: { t1: [11, 14, 18], t2: [20, 25, 30], t3: [1, 9, 16], t4: [2, 8, 13] },
        d3: { t1: [7, 13, 19], t2: [5, 12, 18], t3: [8, 15, 22], t4: [3, 11, 17] }
    ];
    // Add seats for other dates (d4, d5, etc.) and times (t5, t6, t7, t8)

    // Function to render seats
    function renderSeats(dateId, timeId) {
        const seats = document.querySelector('.all-seats');
        seats.innerHTML = ""; // Clear existing seats
        const bookedSeats = bookedSeatsData[dateId][timeId] || [];
        // Get booked seats for selected date and time

        for (let i = 2; i < 60; i++) {
            const isBooked = bookedSeats.includes(i);
            seats.insertAdjacentHTML(
                'beforeend',
                `<input type="checkbox" name="tickets" id="s${i}" ${isBooked ? "disabled" : ""}>
                <label for="s${i}" class="seat ${isBooked ? "booked" : ""}></label>`);
        }
    }

    // Add event listeners for available seats
    const ticket = seats.querySelectorAll('input:disabled');
    tickets.forEach(ticket => {
        ticket.addEventListener('change', () => {
            let count = document.querySelector('.count').innerHTML;
            let amount = document.querySelector('.amount').innerHTML;
            amount = Number(amount);
            count = Number(count);

            if (ticket.checked) {
                count += 1;
                amount += 1200.00;
            } else {
                count -= 1;
                amount -= 1200.00;
            }

            document.querySelector('.amount').innerHTML = amount;
            document.querySelector('.count').innerHTML = count;
        });
    });

    // Event listeners for date and time changes
    const dateInputs = document.querySelectorAll('.dates input');
    const timeInputs = document.querySelectorAll('.times input');

    dateInputs.forEach(dateInput => {
        dateInput.addEventListener('change', () => {
            renderSeats(dateInput.value, timeInputs[0].value);
        });
    });

    timeInputs.forEach(timeInput => {
        timeInput.addEventListener('change', () => {
            renderSeats(dateInputs[0].value, timeInput.value);
        });
    });

```

html/body/#text

Screenshot of Eclipse IDE showing the Seats.jsp file and its corresponding CSS and JS resources.

Seats.jsp:

```

211 // event listeners for date and time changes
212 const dateInputs = document.querySelectorAll('.dates input');
213 const timeInputs = document.querySelectorAll('.times input');
214
215 dateInputs.forEach(dateInput => {
216   dateInput.addEventListener('change', () => {
217     const selectedDate = document.querySelector('.dates input:checked').id;
218     const selectedTime = document.querySelector('.times input:checked').id;
219     renderSeats(selectedDate, selectedTime);
220   });
221 });
222
223 timeInputs.forEach((timeInput) => {
224   timeInput.addEventListener('change', () => {
225     const selectedDate = document.querySelector('.dates input:checked').id;
226     const selectedTime = document.querySelector('.times input:checked').id;
227     renderSeats(selectedDate, selectedTime);
228   });
229 });
230
231 // Initial render (default selection)
232 renderSeats('d1', 't1');
233
234 // Function to retrieve query parameters
235 function getQueryParam(param) {
236   const urlParams = new URLSearchParams(window.location.search);
237   return urlParams.get(param);
238 }
239
240 // Get the movie name from the URL and display it
241 const movieName = getQueryParam('movie');
242 if (movieName) {
243   const titleElement = document.querySelector('.title');
244   titleElement.textContent = movieName;
245 }
246
247 document.getElementById('seat').addEventListener('click', function() {
248   const selectedDate = document.querySelector('.dates input:checked').id;
249   const selectedTime = document.querySelector('.times input:checked').id;
250   const seatCount = document.querySelector('.count').innerText; // Seat count
251   const totalPrice = document.querySelector('.amount').innerText; // Total price
252
253   // Check if any seats have been selected
254   const selectedSeats = document.querySelectorAll('.all-seats input:checked');
255   if (selectedSeats.length === 0) {
256     // If no seats are selected, show an alert
257     alert("Please select at least one seat to proceed.");
258     return; // Exit the function
259   }
260   // Redirect to Payment.jsp
261 });
262
263 </script>

```

Seats.css:

```

html, body {
  font-family: sans-serif;
  background-color: #f0f0f0;
}
body {
  padding-top: 60px; /* For the navigation bar */
}

```

Console Output:

```

Dec 16, 2024 1:06:43 PM org.apache.jasper.servlet.TldScanner scanJars
INFO: At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this logger for a complete list of JARs that were scanned but no TLDs were found in them. Skipping unneeded JARs during scanning can improve startup time and JSP compilation time
Dec 16, 2024 1:06:43 PM org.apache.catalina.core.StandardContext reload
INFO: Reloading Context with name [/ABCINEMA] is completed

```

Screenshot of Eclipse IDE showing the Seats.css file and its corresponding Java and JS resources.

Seats.css:

```

1 @charset "utf-8";
2 .center {
3   width: 100%;
4   height: 100px;
5   align-items: flex-end;
6   justify-content: center;
7   background: linear-gradient(
8     to right,
9     transparent,
10    black,
11    transparent
12 );
13 }
14
15 .ticket {
16   width: 850px; /* 750px */
17   height: fit-content;
18   border: 0.5em solid #rgba(0, 0, 0, 0.05);
19   border-radius: 10px;
20   box-sizing: border-box;
21   padding: 10px;
22   font-family: poppins;
23   max-height: 100px;
24   overflow-y: scroll;
25   background-color: white;
26   box-shadow: 0px 25px 50px -12px #rgba(0, 0, 0, 0.25);
27 }
28
29 .ticket-selector {
30   background-color: #rgb(243, 243, 243);
31   display: flex;
32   align-items: center;
33   justify-content: space-between;
34   flex-direction: column;
35   box-sizing: border-box;
36   padding: 20px;
37 }
38 .head {
39   width: 100px;
40   display: flex;
41   align-items: center;
42   justify-content: center;
43   margin-bottom: 30px;
44 }
45 .title {
46   font-size: 10px;
47   font-weight: 600;
48 }
49
50 .seats {
51   width: 100px;
52   display: flex;
53   align-items: center;
54   justify-content: center;
55 }

```

Console Output:

```

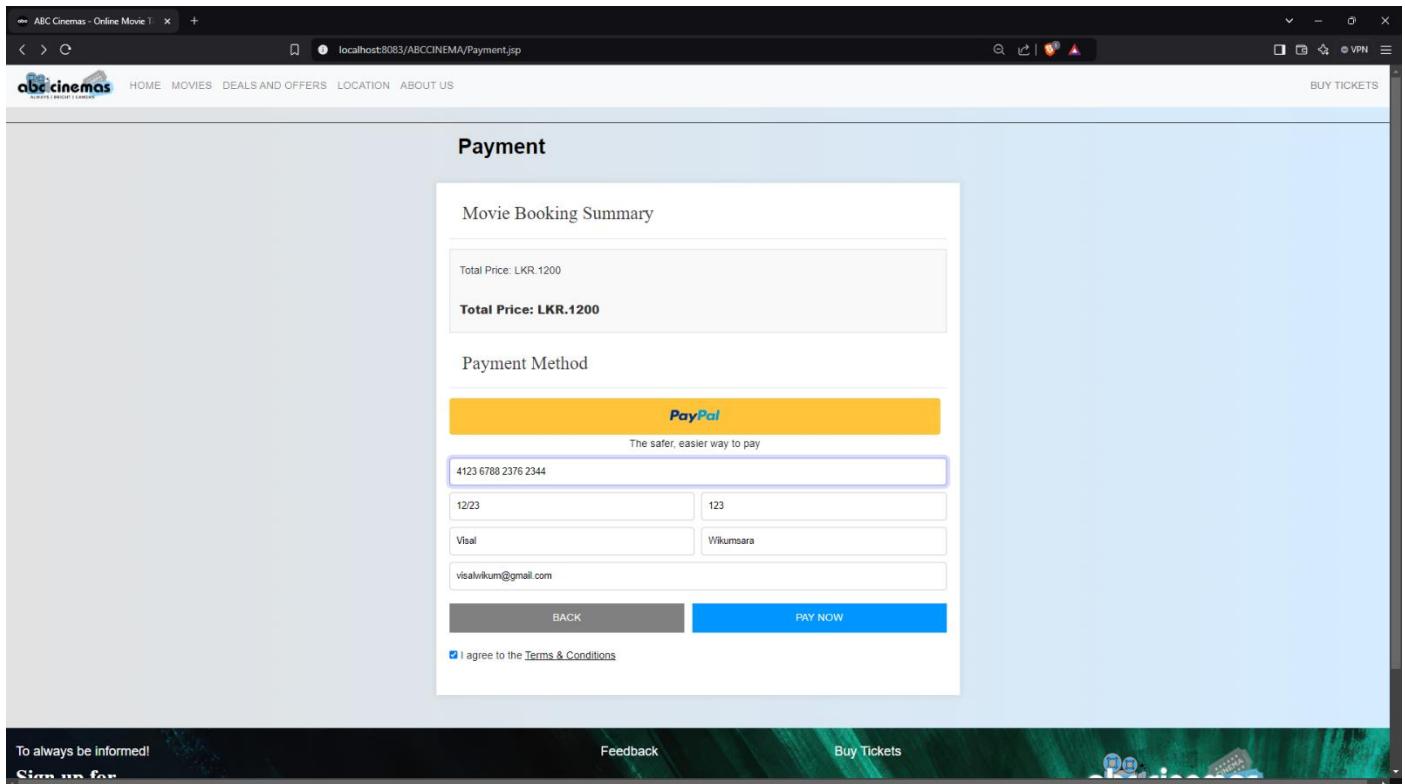
Dec 16, 2024 1:06:43 PM org.apache.jasper.servlet.TldScanner scanJars
INFO: At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this logger for a complete list of JARs that were scanned but no TLDs were found in them. Skipping unneeded JARs during scanning can improve startup time and JSP compilation time
Dec 16, 2024 1:06:43 PM org.apache.catalina.core.StandardContext reload
INFO: Reloading Context with name [/ABCINEMA] is completed

```

This is the Seats Selecting Page of our website. When a user selects a movie it will direct the user to this page. User needs to selects a Date, Time and a Seat before complete the payment. These seat slots are designed with CSS codes (inline / external – Seats.css) and the Available, Booked and Selected slots are designed with JS functions.

By these JS codes, if a user will selects a seat(s) and then clicks on the Book button it will direct the user to the payment page with the selected seats. Also if one seat's price is Rs 1200 it will automatically increment and decrement via these mentioned JS codes. In the Payment page Total payment will be automatically calculated and displaying via these JS codes.

11. Payment Page



- Codes for the Payment Page

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the ABCCINEMA project structure, including src, Java, resources, and webapp folders.
- Code Editor:** Displays the `Payment.jsp` file content. The code includes JSP tags, CSS styles, and JavaScript logic for rendering a PayPal button and handling payment completion.
- Console:** Shows the Tomcat 10.1 Server log output, indicating successful context reload and configuration.
- Bottom Status Bar:** Shows tabs for `jspdirective.page`, `Properties`, and `Console`.

```

<script>
    // PayPal Sandbox Configuration Load -->
    <!-- Include the PayPal JavaScript SDK -->
    <script src="https://www.paypal.com/sdk/js?client-id=AS8svryxGm8idNhp-2HZJchDjvTfEfQ86u7yLjEsfrCsId-6p8iHe61dv7UrQ_x0dbcaZ-j_0kBo&currency=USD"></script>
    <!-- This is ABCinemas account under ABCcinemas Account -->
    <!-- Email : Cinemas@abc.in / Password : Abc@123456 -->
    <!-- Email : Cinemas@abc.in / Password : Abc@123456 -->

    <script>
        // Render the PayPal button into #paypal-button-container
        paypal.Buttons({
            style: {
                layout: 'horizontal'
            },
            createOrder: function(data, actions) {
                return actions.order.create({
                    purchase_units: [
                        {
                            amount: {
                                value: '36' // Total price dynamically passed
                            }
                        }
                    ]
                });
            },
            onApprove: function(data, actions) {
                return actions.order.capture().then(function(details) {
                    alert('Transaction completed by ' + details.payer.name.given_name + '!');
                });
            }
        }).render('#paypal-button-container');
    </script>
    <!-- JS to transferred Movie, Seats details from Seats Page -->
    <script>
        // Function to retrieve query parameters
        function getQueryParam(param) {
            const urlParams = new URLSearchParams(window.location.search);
            return urlParams.get(param);
        }

        // Get data from the URL query parameters
        const movieName = getQueryParam('movie');
        const seatCount = getQueryParam('seats');
        const totalPrice = getQueryParam('totalPrice');

        // Display the data in the receipt section
        if (movieName) {
            document.getElementById('movie_name').textContent = 'Movie Name: ${movieName}';
        }

        if (seatCount) {
            document.getElementById('seats').textContent = 'Seats: ${seatCount}';
        }
    </script>

```

This Payment Page is consist of multiple online payment methods like Credit, Debit card payment and especially PayPal payments. Using CSS (inline / external – payment.css) and JS codes this payment page is well maintained for the best user experience when a user doing the payment process.

After a user agrees to our terms then user can select any of these payment methods and complete the payment. Under this section tag user's selected movie will automatically display with it's ticket details like a receipt. It's developed by these JS and CSS codes added above.

After all of that user will receive an Email of completion receipt to user's entered Email address on the above payment form.

02:10

4G 42+

< All Inboxes



dinoth08@gmail.com

Yesterday

To: dulaj.dulsith@gmail.com >

Booking Confirmation

Dear Customer,

Thank you for your booking.

Best regards,
ABC Cinema



New Message

- Servlet file of the Payment process

```

1 package ABCCINEMA.CompleteBookingServlet;
2
3 import jakarta.servlet.*;
4
5 @WebServlet("/completeBooking")
6 public class CompleteBookingServlet extends HttpServlet {
7     @Override
8     protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
9         // Retrieve booking details from the request
10        String userEmail = request.getParameter("email");
11
12        // Validate inputs
13        if (userEmail == null) {
14            response.getWriter().println("Invalid booking details.");
15            return;
16        }
17
18        // Send confirmation email
19        boolean emailSent = sendConfirmationEmail(userEmail);
20
21        if (emailSent) {
22            response.getWriter().println("Booking completed and confirmation email sent successfully.");
23        } else {
24            response.getWriter().println("Booking completed but failed to send confirmation email.");
25        }
26    }
27
28    private boolean sendConfirmationEmail(String userEmail) {
29        String host = "smtp.gmail.com"; // Replace with your SMTP host
30        String port = "587"; // Replace with your SMTP port
31        String fromEmail = "dinoth0@gmail.com"; // Replace with your email address
32        String password = "app password"; // Replace with your email password
33
34        // SMTP server properties
35        Properties properties = new Properties();
36        properties.setProperty("mail.smtp.host", host);
37        properties.put("mail.smtp.port", port);
38        properties.put("mail.smtp.auth", "true");
39        properties.put("mail.smtp.starttls.enable", "true");
40
41        // Create session
42        Session session = Session.getInstance(properties, new Authenticator() {
43            @Override
44            protected PasswordAuthentication getPasswordAuthentication() {
45                return new PasswordAuthentication(fromEmail, password);
46            }
47        });
48
49        try {
50            // Create the email message
51            Message message = new MimeMessage(session);
52            message.setFrom(new InternetAddress(fromEmail));
53            message.setRecipients(Message.RecipientType.TO, InternetAddress.parse(userEmail));
54            message.setSubject("Booking Confirmation");
55            message.setText("Dear User,\n"
56                           + "thank you for your booking.\n"
57                           + "Your booking reference is: " + bookingReference);
58
59        } catch (Exception e) {
60            e.printStackTrace();
61        }
62    }
63}

```

This is the file that the back end part of Email generating system after a user paid the payment. Admin has to active Two-factor authentication of admin's valid Email address. Then admin has to get a App password for admin's Email address.

Then the admin can add the Email address and that code got from the App password section. This Emails are generating via the SMTP server properties. If the payment was successful site will display a successful message, and then the user will receive the payment confirmation Email notification. With the exceptions try and catch if there is an error, the error message will be displayed.

12. PayPal Payment Method

The screenshot shows a web browser window for 'ABC Cinemas - Online Movie Tickets Booking'. The URL in the address bar is 'Cinemas/web/payment.html?movie=The%20Wild%20Robot&seats=6&totalPrice=7200'. The page displays a 'Movie Booking Summary' for 'The Wild Robot' with 6 seats at a total price of LKR.7200. Below this, a 'Payment Method' section features the 'PayPal' logo. A message reads: 'Don't see the secure paypal browser? We'll help you re-launch the window to complete your purchase.' Below the message are fields for Card Number, Click to Continue, Expiration (MM/YY), CVV, First Name, Last Name, and Email. At the bottom are 'BACK' and 'PAY NOW' buttons, and a checkbox for 'I agree to the Terms & Conditions'.

The screenshot shows a web browser window for 'sandbox.paypal.com'. The URL in the address bar is 'sandbox.paypal.com'. The page displays a 'Log in to your PayPal account' button.

The screenshot shows a 'Pay with PayPal' screen. It prompts the user to 'Enter your email address to get started.' There is a text input field for 'Email or mobile number' with a placeholder 'Email or mobile number'. Below it is a link 'Forgot email?'. A large blue 'Next' button is centered. Below the button is a horizontal line with the word 'or' in the center. Below the line is a rounded rectangle containing the text 'Pay with a Bank Account or Credit Card'. At the bottom of the screen, there are language options: 'Bengali | English'.

Contact Us Privacy Legal Policy Updates Worldwide

JD \$36.00

Ship to John Doe
1 Main St, San Jose, CA 95131 [Change](#)

Pay with [Split](#)

PayPal balance \$36.00
 Make this my preferred way to pay

CREDIT UNION 1 (AK)
Checking ****6707

Visa
Credit ****1156

PayPal Credit
Apply for PayPal Credit Pay over time for your purchase of \$36.00 with PayPal Credit. Subject to credit approval. [See terms](#)

[+ Add debit or credit card](#)

Pay Later

Pay in 4
4 payments of \$9.00 due every 2 weeks, starting today. [Learn more](#)

Complete Purchase

[Payment method rights](#)

JD \$36.00

PayPal balance

Make this my preferred way to pay

CREDIT UNION 1 (AK)
Checking ****6707

Visa
Credit ****1156

PayPal Credit
Apply for PayPal Credit Pay over time for your purchase of \$36.00 with PayPal Credit. Subject to credit approval. [See terms](#)

[+ Add debit or credit card](#)

Pay Later Thanks for using PayPal

Pay in 4
A payment of \$9.00 due every 2 weeks, starting today. [Learn more](#)

Pay Monthly
Pay later for regular purchases of \$36.00 and less up to \$100. Interest-free for this transaction.

Complete Purchase

[Payment method rights](#)

[Complete your purchase in Your Wallet](#)

After clicking on the PayPal payment button, user can login with user's PayPal account. Then automatically PayPal payment receipt will generate. User needs to clicks on the Complete Purchase button and then the Payment Complete message will be displayed.

Then checking on the PayPal sandbox account of the ABC Cinemas, the payment came receipt will be displayed in the all transactions page. Also the payment completion receipt will be show on the user's PayPal account.

The screenshot shows the PayPal Sandbox Transactions page. At the top, there are tabs for ABC Cinemas - Terms | Conditions, Sandbox accounts - PayPal Dev, and Transactions - PayPal. The main header includes 'Test Store' on the left and 'Developer Help' on the right. Below the header is a navigation bar with links for Home, Activity, Sales, Finance, Operations, Pay & Get Paid, Marketing For Growth, Financing, and Business Tools.

Transactions

The main content area displays a table of transactions:

<input type="checkbox"/>	Date	Description	Name	Status	Gross	Fee	Net	Actions
<input type="checkbox"/>	12/13/24, 6:00 AM	Payment from	John Doe	Completed	\$36.00 USD	\$1.75 USD	\$34.25 USD	⋮
<input type="checkbox"/>	12/7/24, 11:32 AM	Payment from	John Doe	Completed	\$36.00 USD	\$1.75 USD	\$34.25 USD	⋮
<input type="checkbox"/>	12/3/24, 5:37 PM	Transfer from	PayPal	Completed	\$5,000.00 USD	\$0.00 USD	\$5,000.00 USD	⋮

Below the table, there are links for Help, Contact, Fees, and Security. A brain icon with a dropdown arrow is also present.

These are the tested transactions of our PayPal Sandbox account. If user checks the user's PayPal transaction history user can see the Payment done notification.

h) References

Anon., n.d. [Online]

Available at: <https://www.freecodecamp.org/>

Anon., n.d. [Online]

Available at: <https://www.freecodecamp.org/>

Anon., n.d. [Online]

Available at: <https://www.codecademy.com/>

Anon., n.d. [Online]

Available at: <https://www.geeksforgeeks.org/>

Anon., n.d. [Online]

Available at: <https://www.w3schools.com/css/default.asp>

Anon., n.d. [Online]

Available at: <https://www.w3schools.com/java/default.asp>

Anon., n.d. [Online]

Available at: <https://www.theodinproject.com/>

Anon., n.d. [Online]

Available at: <https://www.youtube.com/watch?v=l4yvNEvDsF8>

Anon., n.d. [Online]

Available at: <https://m.youtube.com/watch?v=ICxcTsOHrjo>

