Movie Ticket Booking Website

PROJECT REPORT

By

Prachurjya Pran Kalita
Aarav Arudia
Sumer Singh Rathore

(Section: K23CA)
(Roll No. 13,14,15)

Department of Computer Science and Engineering
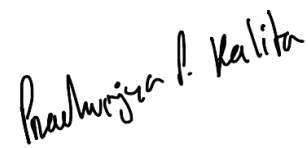
School of Computer Science Engineering

Lovely Professional University

Jalandhar, Punjab

November – 2023

STUDENT DECLARATION

This is to declare that this report has been written by me/us. No part of the report is copied from other sources. All information included from other sources has been duly acknowledged. I/We aver that if any part of the report is found to be copied, I/we shall take full responsibility for it.

Signature
Prachurjya Pran Kalita
Roll No. 13

Signature
Aarav Arudia
Roll No. 14

Signature
Sumer Singh Rathore
Roll No. 15

Place: Jalandhar, Punjab
Date: 20-11-2023

TABLE OF CONTENT

BONAFIDE CERTIFICATE

Certified that this project report **"Movie Ticket Booking Website"** is the Bonafide work of 'Prachurjya Pran Kalita', 'Aarav Arudia', 'Sumer Singh Rathore' Who carried out the project work under my supervision.

Mr. Abrar Ahmed Raza

Assistant Professor

ID: 30574

Department of

Computer Science and

Engineering

Introduction

Our vision was to create a user-friendly platform for ease of booking tickets and to make the system of reservations more efficient. We created a ticket booking website which serves as an online platform where users can browse, select, and purchase tickets for various events, travel, movies, concerts, or other activities. Our website has a user-friendly interface where individuals can search for specific events, view seating options or travel schedules, make reservations, and complete transactions securely. They often provide convenience, a wide range of choices, and instant confirmation, enhancing the overall booking experience for users.

Features:

• User Registration and Login:

  1. Allows users to create accounts and log in securely.

• Search and Browse:

  1. Provides a search functionality for users to find tickets based on various criteria such as date, time, destination, event type, etc.

  2. Offers filters to narrow down search results.

 • Booking and Reservation:

  1. Facilitates the booking process, allowing users to reserve tickets or services.

• Shopping Cart:

1. Allows users to review their selected items before making a final purchase.

2. Supports adding or removing items from the cart.

Objective:

The objective of our ticket booking website is to provide a seamless, user-friendly platform that revolutionizes the way individuals plan and book their travel and event experiences. Our primary goal is to offer a comprehensive and efficient solution that caters to the diverse needs of users seeking tickets for flights, trains, buses, concerts, sports events, and more.

First and foremost, our website aims to simplify the entire ticket booking process. We understand that planning a trip or attending an event can be stressful, so we strive to create an intuitive interface that allows users to easily search for, compare, and book tickets with minimal effort. By streamlining the booking experience, we aim to save users valuable time and enhance their overall satisfaction.

Inclusivity is a key principle guiding our platform's development. We aspire to offer a wide range of ticketing options, covering various modes of transportation and events across different locations. Whether it's a business trip, family vacation, or a night out at a concert, our website aims to be the go-to destination for all ticketing needs.

Furthermore, our objective includes prioritizing user experience and customer satisfaction. We are committed to providing responsive customer support, ensuring that users receive assistance promptly and effectively. By valuing user

feedback, we plan to continuously improve our platform, implementing updates and features that enhance the overall experience for our customers.

In terms of technological innovation, we aim to leverage the latest advancements to optimize our website's performance and security. Implementing robust security measures is a top priority to safeguard user data and ensure a safe online transaction environment. Additionally, we plan to incorporate cutting-edge features, such as personalized recommendations and real-time updates, to keep our platform dynamic and ahead of industry standards.

Collaboration with partners in the travel and entertainment sectors is another essential aspect of our objective. By establishing strong relationships with airlines, event organizers, and other stakeholders, we strive to secure a vast and reliable inventory of tickets for our users. This collaboration enhances the diversity of options available on our platform, contributing to a more comprehensive and satisfying user experience.

In summary, our ticket booking website aims to be a one-stop solution for users seeking convenient, diverse, and secure ticketing services. Through a commitment to user satisfaction, technological innovation, and strategic partnerships, we aspire to redefine the ticket booking experience and become the preferred platform for individuals worldwide.

Technologies Used

HTML tags used:

- **<!DOCTYPE html>**: Document type declaration.
- **<html lang="en">**: Root element with language attribute.
- **<head>**: Head section of the HTML document.
- **<meta charset="UTF-8">**: Meta tag specifying the character set.
- **<meta name="viewport" content="width=device-width, initial-scale=1.0">**: Meta tag for responsive design.
- **<title>**Fashion. **</title>**: Title of the HTML document.
- **<link rel="stylesheet" href="project.css">**: Link to an external stylesheet (local).
- **<body>**: Body section of the HTML document.
- Various **<div>** elements: Division or container elements.
- **<a>**: Anchor tag for creating hyperlinks.
- **<form>**: Form element.
- **<label>**: label name for input.
- **<input>**: Input field within a form.
- **<section>**: Section element.
- **<img>**: Image element.
- **<ul>**: unordered list.
- **<li>:** list items
- **<h3>:** heading 3.
- **<h2>:** heading 2.

CSS properties and values used:

- Display(flex/grid): displays content in flex container / grid(rows/column)
- Gap: gap between containers of grid
- Width: defines width of element
- Height: defines height of element
- Background-color: defines background-color of element
- Border: gives a border to container
- Border-radius: gives a rounded border to container
- Font-family: selects a font.
- Text-decoration: decorates text
- Margin: gives margin to container
- Color: gives text-color
- Position: defines position of element
- Font-size: defines size of the font'
- Font-weight: defines thickness of the font
- Cursor: define type of cursor on hover over the specific element
- Overflow: for page Scroll
- Padding: puts space around the text
- Align-items: aligns items in a container
- Outline: border of the input element on focus
- Opacity: defines transparency
- Background-image: give a background image to the container
- Background-size: defines size of the background image
- Text-align: aligns text
- Justify-content: defines how content is place in a flexbox
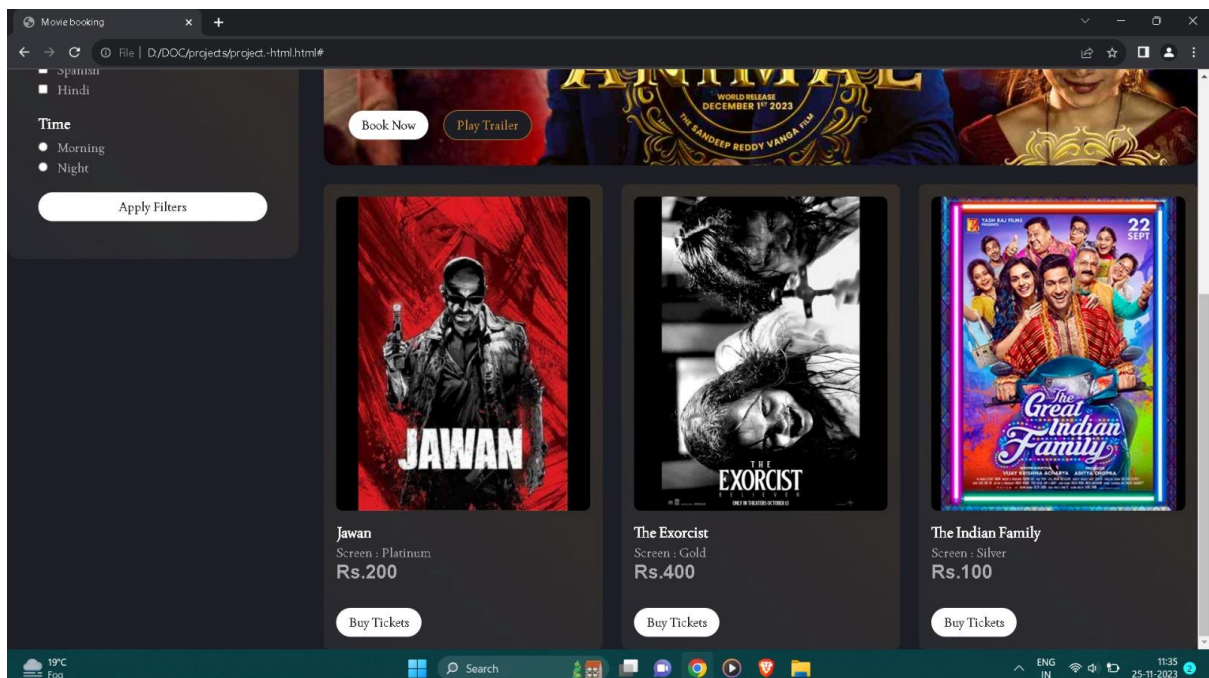- Left: position of object from left

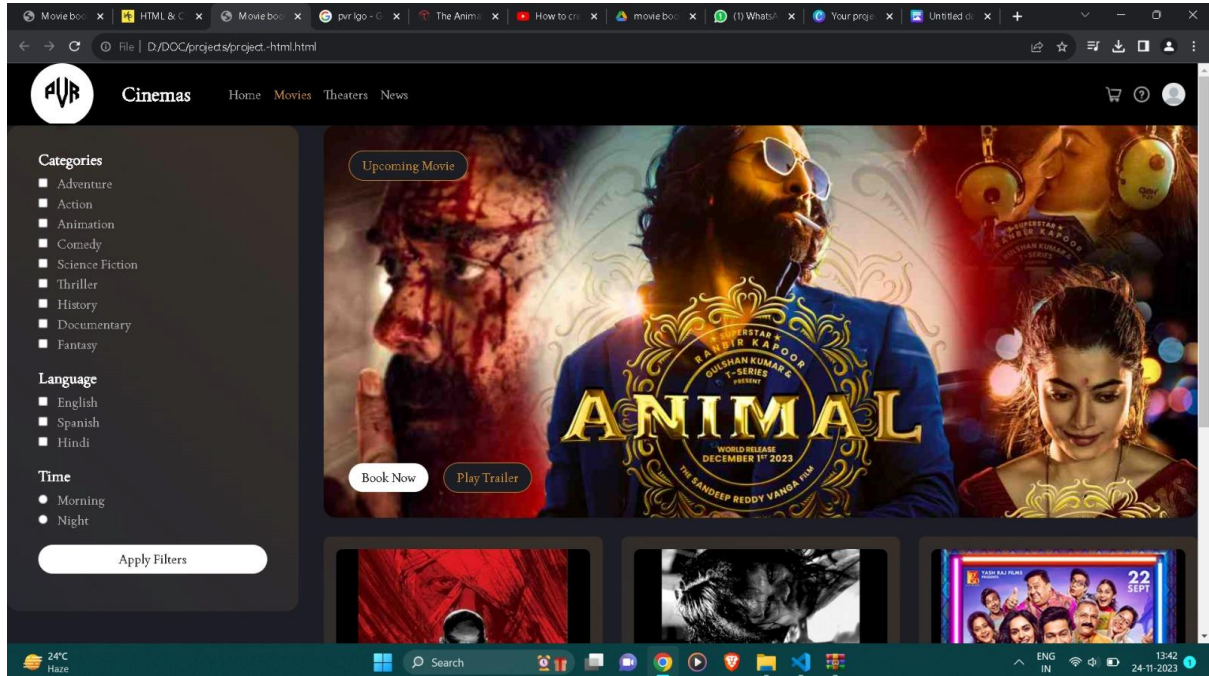**CSS selectors:**

- Id selectors(#)
- Class selector(.)
- Universal selector (*)
- :first-child : selects the first type of the give element

MODULES

- A self-made external CSS file was used to design the website.

WEBSITE AND CODE SNAPSHOTS

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="project.css">
    <title>Movie booking</title>
</head>
<body>
    <section class="top-bar">
        <div class="left-content">
            <img src="https://c8.alamy.com/comp/2RGT38C/pvr-letter-logo-design-with-polygon-shape-pvr-polygon-and-cube-shape-logo-design-pvr-hexagon-vector-logo-template-white-and-black
            <h2 class="title">Cinemas</h2>
            <ul class="navigation">
                <li><a href="#">Home</a></li>
                <li><a class="active" href="#">Movies</a></li>
                <li><a href="#">Theaters</a></li>
                <li><a href="#">News</a></li>
            </ul>
        </div>
        <div class="right-content">
            <img src="filter.png" alt="" class="filter">
            <img src="cart.png" alt="" class="cart">
            <img src="help.png" alt="" class="help">
            <div class="profile-img-box">
                <img src="https://cdn.pixabay.com/photo/2015/10/05/22/37/blank-profile-picture-973460_960_720.png" alt="">
            </div>
            <img src="./assets/images/menu.png" alt="" class="menu">
        </div>
    </section>
    <section class="main-container">
        <div class="sidebar">
            <form action="#">
                <div class="sidebar-groups">
                    <h3 class="sg-title">Categories</h3>
                    <input type="checkbox" id="adventure" name="adventure" value="adventure">
```



```css
@import url('https://fonts.googleapis.com/css2?family=Joan&display=swap');
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Joan', serif;
}
.price{
    font-family: Arial, Helvetica, sans-serif;
    height: 60px;
}
a {
    text-decoration: none;
    color: grey;
}
.btn {
    display: inline-block;
    padding: .5rem 1rem;
    background-color: white;
    border-radius: 2rem;
    color: #1e1f26;
    transition: .3s;
}
.btn:hover {
    background-color: #92601f;
}
.btn-l {
    width: 100%;
    text-align: center;
}
body {
    background-color: #1e1f26;
    width:100%;
    justify-content: space-evenly;
}

.top-bar {
```

References

https://ticketnew.com/movies/ludhiana

This Website was referred by us to build our website.