

Front End Engineering-II

Project Report

Semester-IV (Batch-2022)

Reel Bite- Cinematic Cravings



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Abstract

Welcome to "**Reel Bite: Cinematic Cravings**": It is a cutting-edge ecommerce online platform catering to movie aficionados and food enthusiasts alike. Leveraging React and JavaScript frameworks, our website provides a seamless interface for accessing the latest blockbuster movie reviews, booking tickets, and ordering meals and combos directly.

Our team of seasoned reviewers serves up honest critiques, guaranteeing you get the lowdown on the latest flicks. Join our gang of movie and food lovers to keep your finger on the pulse of industry buzz. Share your thoughts, rate your experiences, and stay in the loop with all things movies and meals.

Our mission? To make your life easier. With just a few clicks, you can snag tickets and order meals, all in one convenient spot. We've heard your woes about traditional review sites - that's why we've cooked up a platform where you can not only book but also review movies. No more hopping from site to site!

But wait, there's more! We take quality seriously, ensuring that every bite meets the mark for cleanliness and taste. From convenience to variety, we've got you covered. Join us for a seamless experience where you can satisfy your cinematic cravings with just a click."

Oh, and did we mention? Our platform is designed with your comfort in mind, ensuring a hassle-free browsing experience every time you visit."

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1. Introduction

Welcome to our movie and food booking website built using HTML, CSS, JavaScript, REACT JS. Our team has created a platform for movie aficionados and food enthusiasts for accessing latest blockbuster movie reviews, booking tickets, and ordering meals.

In today's world, there is an overwhelming amount of content available for users to choose from, making it difficult to know what is worth watching. That's where our site comes in providing a community-driven platform for movie as well as food recommendations and reviews.

Our website is designed with user experience in mind, ensuring that all users can easily navigate and use our site. Our website contains a login page. We have also included an about page telling about our site with a contact us and a join us page too.

With our Exit the Plugin feature, users can receive number of discounts on movie tickets. Not only discounts but it also shows different ads such as movie trailers to engage user in the site only. This feature is unique to our website and we believe it sets us apart from other movie review sites in the market.

We are excited to present our Website **Reel Bite: “Cinematic Cravings”** site using HTML, CSS, JavaScript and React Js and we hope you enjoy exploring all the features we have to offer.

2. Problem Statement

"In today's fast-paced world, movie enthusiasts often find it challenging to seamlessly book both their movie tickets and ordering snacks for an enjoyable cinema experience. Traditional booking platforms may lack integration or convenience, resulting to fragmented user experiences.

Additionally, these traditional sites often struggle with user engagement and retention due to a lack of innovative features. Leading to high bounce rates and low conversion rates, ultimately impacting revenue.

Cinematic Cravings aims to address these issues by providing a unified platform for movie ticket booking and food ordering. Our goal is to offer an intuitive interface and seamless integration, allowing users to effortlessly browse movie listings, select showtimes, reserve tickets, and pre-order their favourite snacks.

Furthermore, existing movie websites often lack visual appeal user-friendliness, making it difficult for users to navigate and access the information they need. To tackle this challenge, our project proposes implementing an Exit Intent feature on our site using HTML, CSS, JavaScript, React JS.

This feature will detect when a user is about to leave the site and trigger a pop-up message with an enticing offer or call-to-action, encouraging users to prolong their stay longer and engage with the content.

By reducing bounce rates, enhancing engagement, and improving the overall user experience, we aim to drive increased revenue and satisfaction for Cinematic Cravings."

3. Technical Details

HTML, CSS, JavaScript, React JS, React Hooks, Redux and React Router are the core technologies used for front-end web development. HTML provides the structure and semantic meaning to web pages, CSS is used for styling and layout, while JavaScript adds interactivity and dynamic behaviour to web pages. React is a JavaScript library primarily used for building user interfaces.

1. **HTML** is the markup language used to create the structure of web pages. It defines the content and layout of a web page, including text, images, forms, tables, and other elements. HTML tags are used to specify the type of content and its properties.
2. **CSS** is used to control the presentation and layout of web pages. It enables the developer to set the font size, colour, background colour, margin, padding, and other properties of the HTML elements. CSS is essential for creating a visually appealing and user-friendly interface for the web-based address book system.
3. **JavaScript** is a scripting language used to add dynamic behaviour to web pages. It enables the creation of interactive features such as form validation, input fields auto-filling, and data filtering. JavaScript is also used to manipulate the Document Object Model (DOM), which represents the structure of a web page in the browser.
4. **React:** React is a JavaScript library primarily used for building user interfaces. It allows developers to create reusable UI components and manage the state of the application efficient

4.1 React Hooks: React Hooks are functions that let you use state and other React features without writing a class. They enable functional components to have state and lifecycle features.

4.2 Redux: Redux is a predictable state container for JavaScript apps. It helps manage the application state in a centralized store, making it easier to maintain and debug large applications.

4.3 React Router: React Router is a library for routing in React applications. It allows you to define multiple routes in your application and render different components based on the URL.

The movie review site will be built using HTML, CSS, JavaScript, React, React Hooks, Redux, and React Router. The site will have a responsive layout to ensure optimal user experience across all devices. It will feature movie reviews for every film industry, a login page, a contact page for user queries, an about page describing the site, and a join us page.

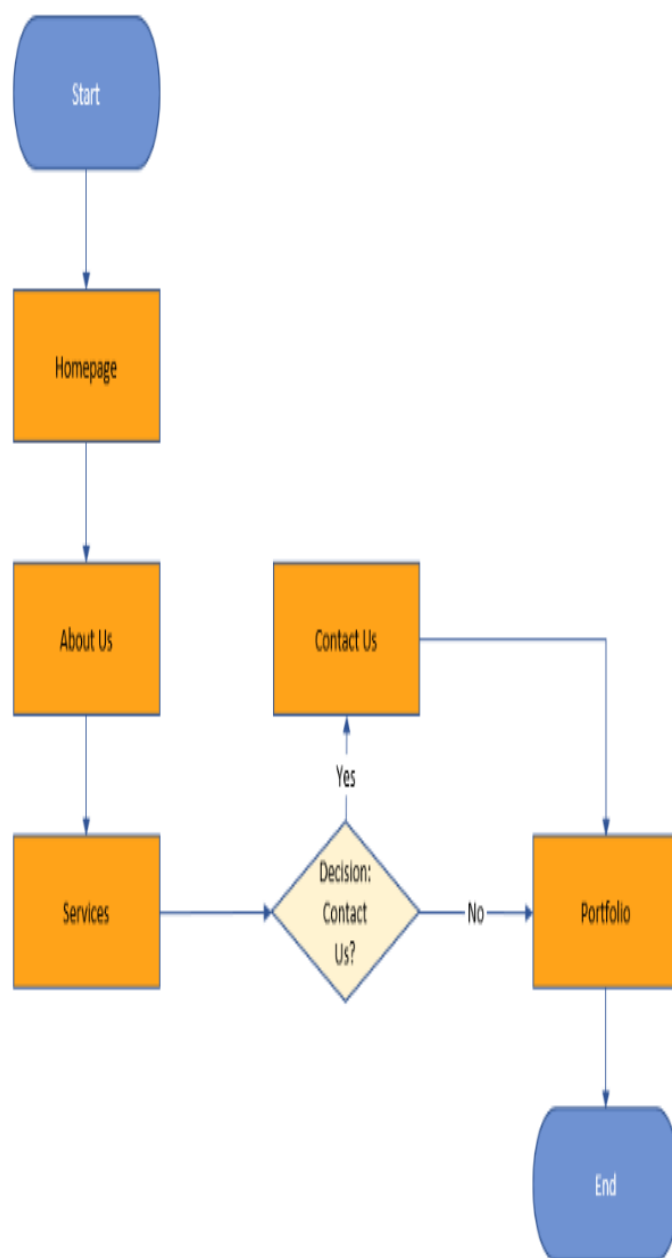
One of the key features of the website is the Exit the Plugin functionality, providing various discounts to users. This feature is unique to the website and sets it apart from other movie review sites in the market sites in the market.

4. Key Features

The web-based Movie & Food booking site key feature developed in this project has several key features that make it efficient and user-friendly. These key features include:

1. **Book Tickets:** Seamlessly browse movies, view showtimes, select seats, and complete ticket purchases in a user-friendly manner.
2. **Food Booking Site:** Pre-order snacks, beverages, and meals to enjoy during the movie, enhancing the overall cinema experience.
3. **Exit Plugin with Offers and Ads:** Engage users with targeted promotions and advertisements upon exiting the website, maximizing revenue opportunities.
4. **Add Reviews:** Share feedback and opinions on movies and the booking process, fostering community interaction and informed decision-making.
5. **Add Ratings:** Rate movies based on personal preferences, providing valuable insights for other users and influencing movie selections.
6. **Add to Cart:** Compile ticket and food selections for convenient and error-free booking before finalizing purchases.
7. **Login/Signup Page:** Enable secure account access and registration for personalized experiences.
8. **Payment Gateway:** Enable secure transactions for seamless booking experiences.

5. Flowchart



5. Project Advantages

Here are some advantages of a movie & Food booking site using HTML, CSS, and JavaScript over others:

1. **Accessible to a wider audience:** A movie review site is accessible to anyone with an internet connection, allowing a wider audience to read reviews and engage with the content.
2. **Review and book tickets:** This site not only allow users to review different movies and food as well as provide option to book tickets and purchase food.
3. **Easy to navigate:** The site can be designed to be easy to navigate, with clear categories and search functionality for users to find the reviews they are looking for.
4. **Time-saving:** Users can quickly access movie reviews and ratings, saving them time in their decision-making process.
5. **Real-time updates:** The site can provide real-time updates on movie releases, ratings, reviews and real-time prices for food items and keeping users up-to-date on the latest information.
6. **Cost-effective:** Compared to traditional print media, a movie and food site is more cost-effective to produce and distribute.
7. **Food Ordering:** Users can conveniently buy food items through the platform, enhancing their movie-watching experience.
8. **Analytics and insights:** The site can provide analytics and insights on user behaviour and preferences, allowing for targeted content creation and marketing efforts.
9. **Collaborative partnerships:** The site can partner with other websites and platforms to expand its reach and provide additional value to users.
10. **Advertising revenue:** The site can generate revenue through advertising used in exit the plugin and from partnerships with movie studios and related companies.
11. **Brand building:** The site can help to establish a brand identity and reputation for quality movie reviews and ratings.

6. Results

Reel Bite: Cinematic Cravings, our innovative movie and food booking website, offers a seamless and user-friendly platform for movie enthusiasts and food lovers alike. Leveraging HTML, CSS, JavaScript, React JS, and other cutting-edge technologies, our platform delivers a host of features designed to enhance the movie-watching and dining experience.

Key features of our platform include comprehensive movie reviews, intuitive ticket booking, convenient food ordering, and engaging advertisements through the "Exit the Plugin" functionality. Users can explore reviews across various film industries, seamlessly book tickets, pre-order snacks, and enjoy exclusive discounts, all within a single, user-centric interface.

Our responsive layout ensures optimal user experience across all devices, while the inclusion of login, contact, about, and join us pages enhances user engagement and interaction. By prioritizing user convenience and satisfaction, we aim to redefine the movie and food booking experience, offering a one-stop destination for entertainment and culinary delights.

Overall, the movie & food booking site a comprehensive and user-friendly platform for movie & food enthusiasts to discover new films, share their opinions, connect with other moviegoers , order snacks and exclusive discounts .

Our Website Link: <https://pranav-reebite-cinematic-cravings.netlify.app/>

8. Conclusion

In conclusion, Reel Bite: Cinematic Cravings represents the convergence of technology and entertainment, providing a comprehensive solution for movie enthusiasts and food connoisseurs. With a focus on simplicity, accessibility, and innovation, our platform seeks to streamline the process of discovering, booking, and enjoying movies and meals.

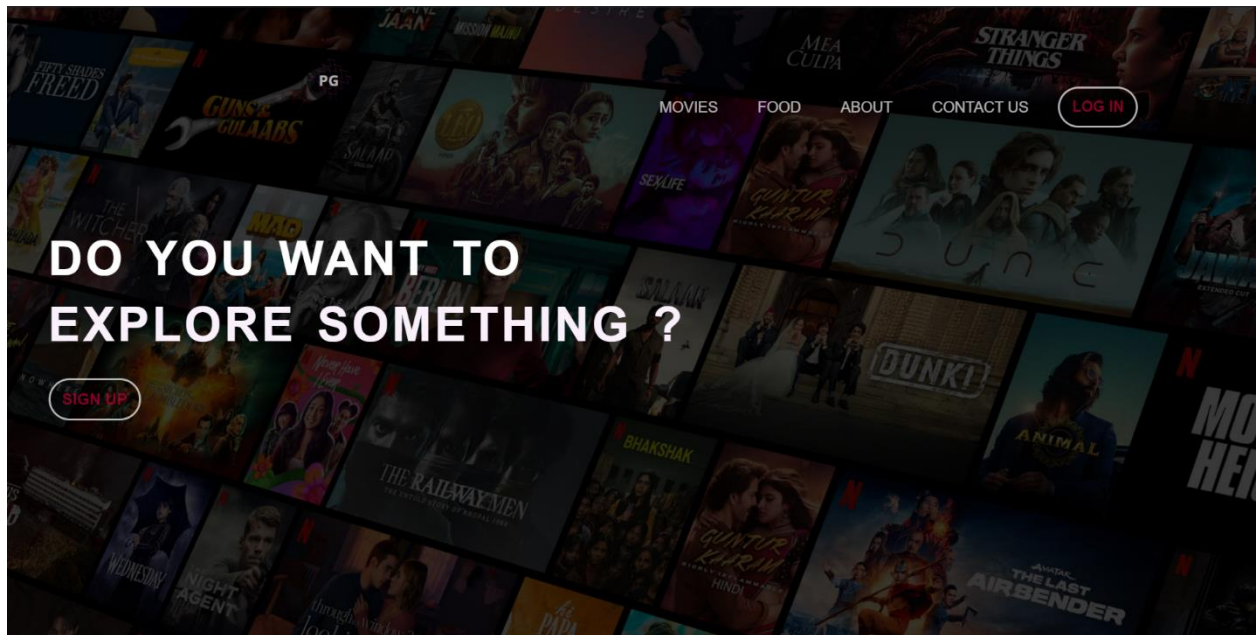
By leveraging the latest technologies and incorporating user-centric features, we aim to create a seamless and immersive experience for our users. Whether it's browsing the latest movie reviews, booking tickets, or ordering snacks, Reel Bite offers unparalleled convenience and quality, setting us apart as a premier destination in the digital entertainment landscape.

However, there is always room for improvement and future scope for further development. Some possible areas of improvement for the system could include the integration of more advanced search and filtering options, improved import and export capabilities. Additionally, the system could be enhanced with the integration of machine learning and artificial intelligence technologies to automate some of the features like people interest algorithm.

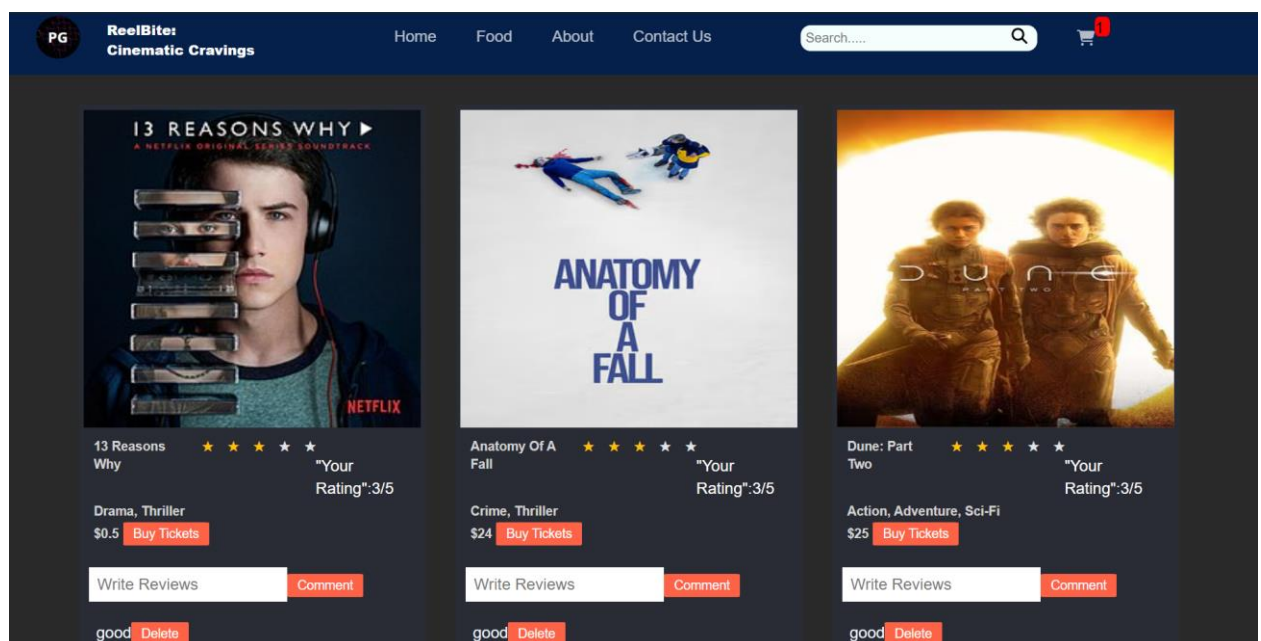
Overall, we believe our website “**Reel Bite: Cinematic Cravings**” is a valuable addition to the movie and food industry and provides users with a platform to discover new movies, read reviews from other users, and share their own opinions and order snacks . We hope our website will become a go-to destination for movie & food lovers, and we will continue to improve and add new features to our site in the future.

Join us on Reel Bite: Cinematic Cravings, where movies and meals meet for an unforgettable experience.

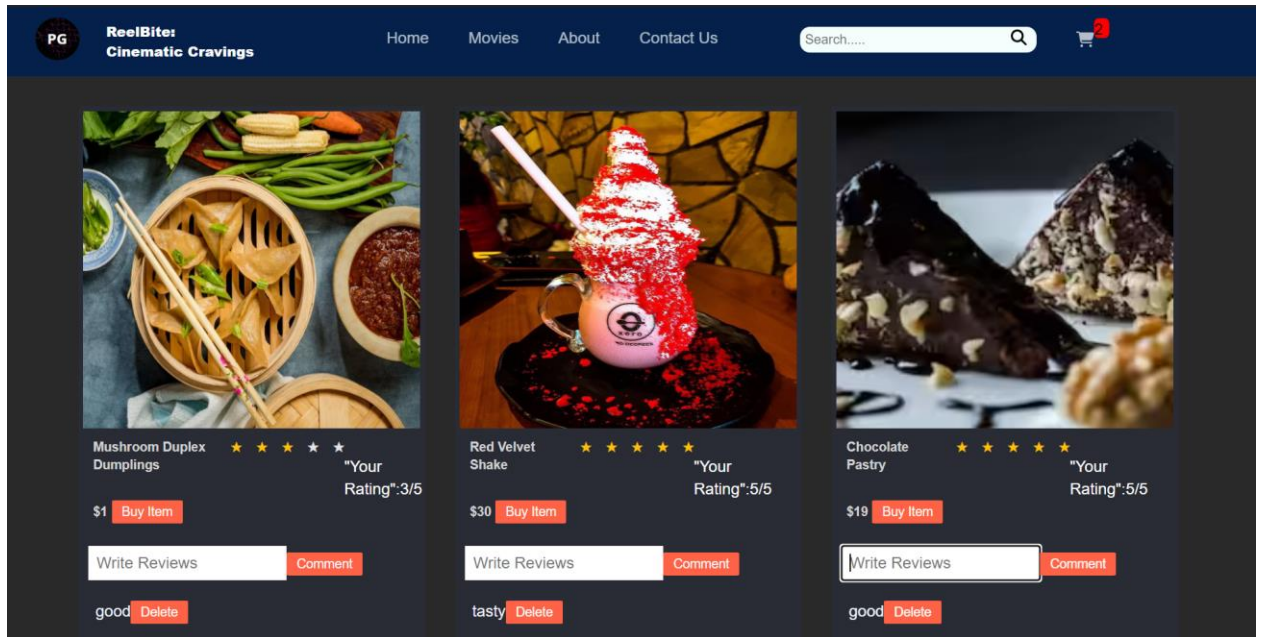
9. Project Highlights



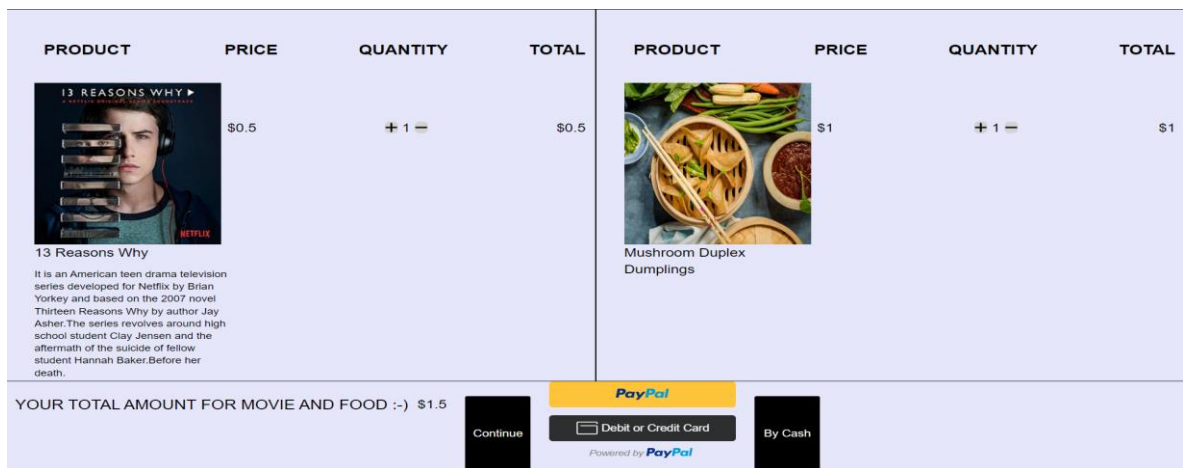
Home Page



Movie Page



Food Page



Add To Cart

Home **CONTACT US**

Address
50sec, Chandigarh

Phone
123-456-78901548

E-mail
arhan0072@gmail.com

Full Name _____

E-mail Id _____

Type your Message..... _____

Submit

⚡ ⚡ ⚡ ⚡

Contact Us Page

LOGIN

Name _____

Password _____

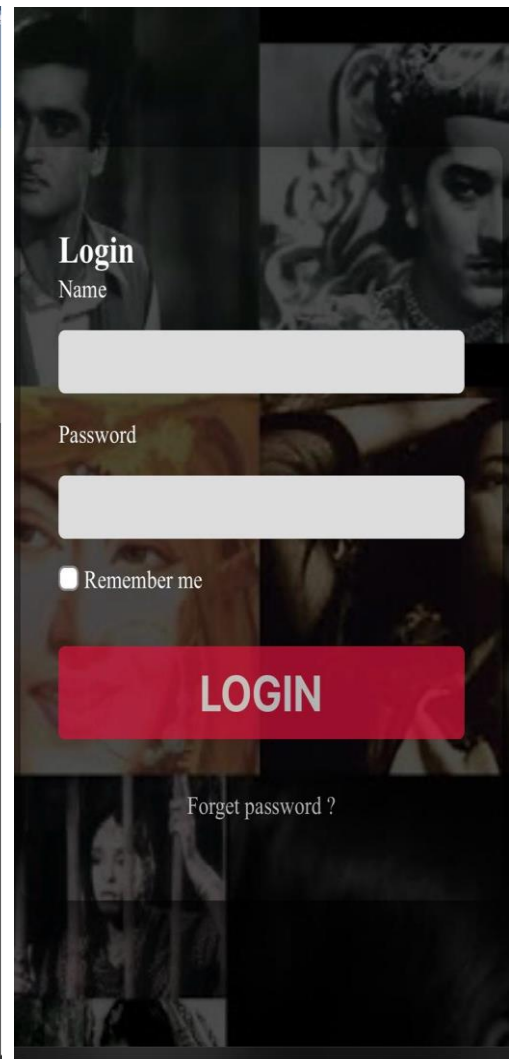
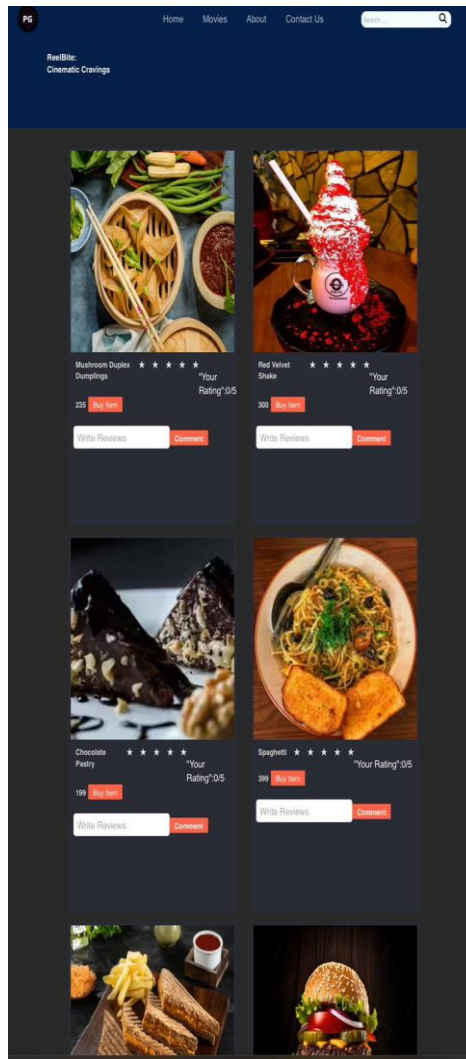
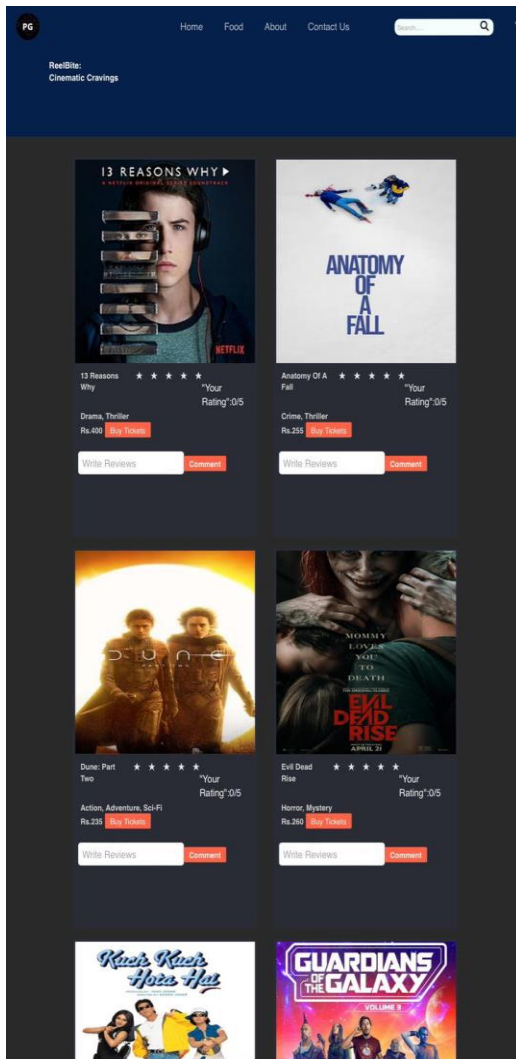
☐ Remember me

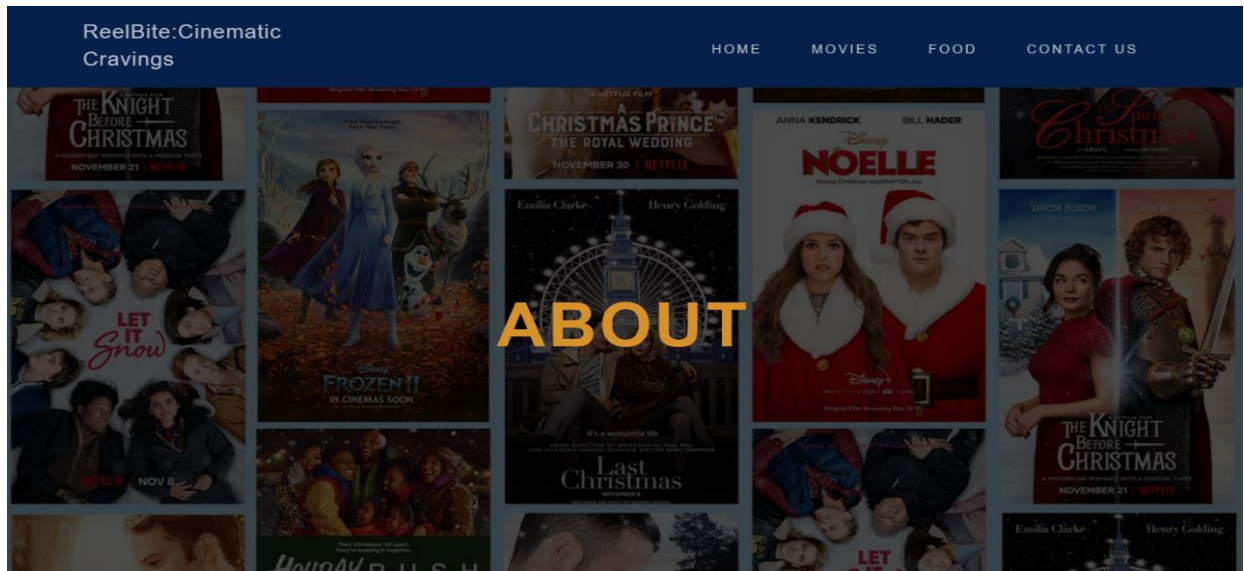
LOGIN

[Forget password ?](#)

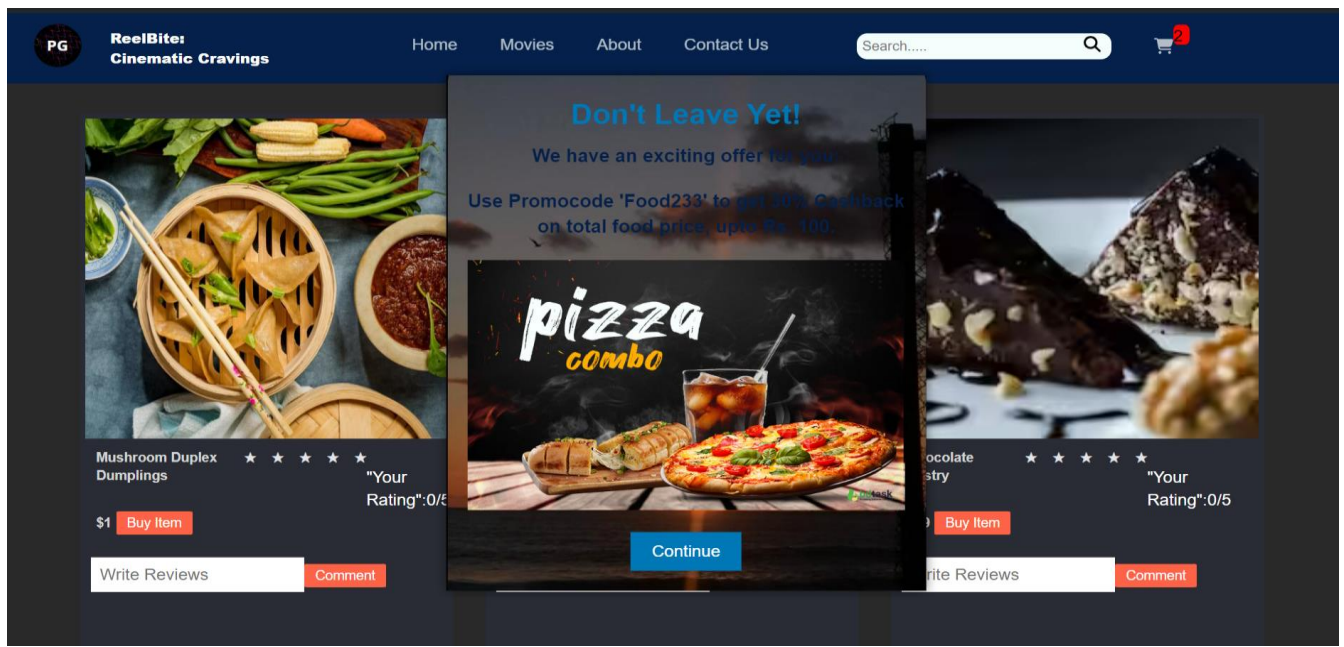
Login Page

Movie View of Website:

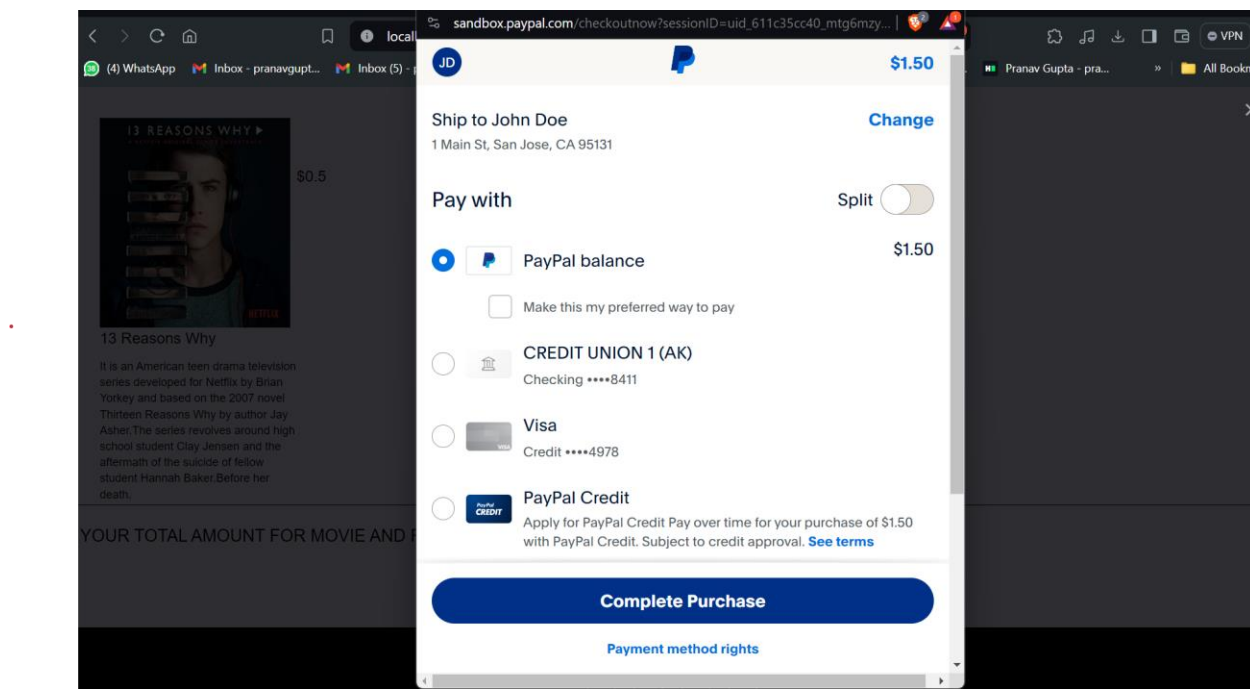




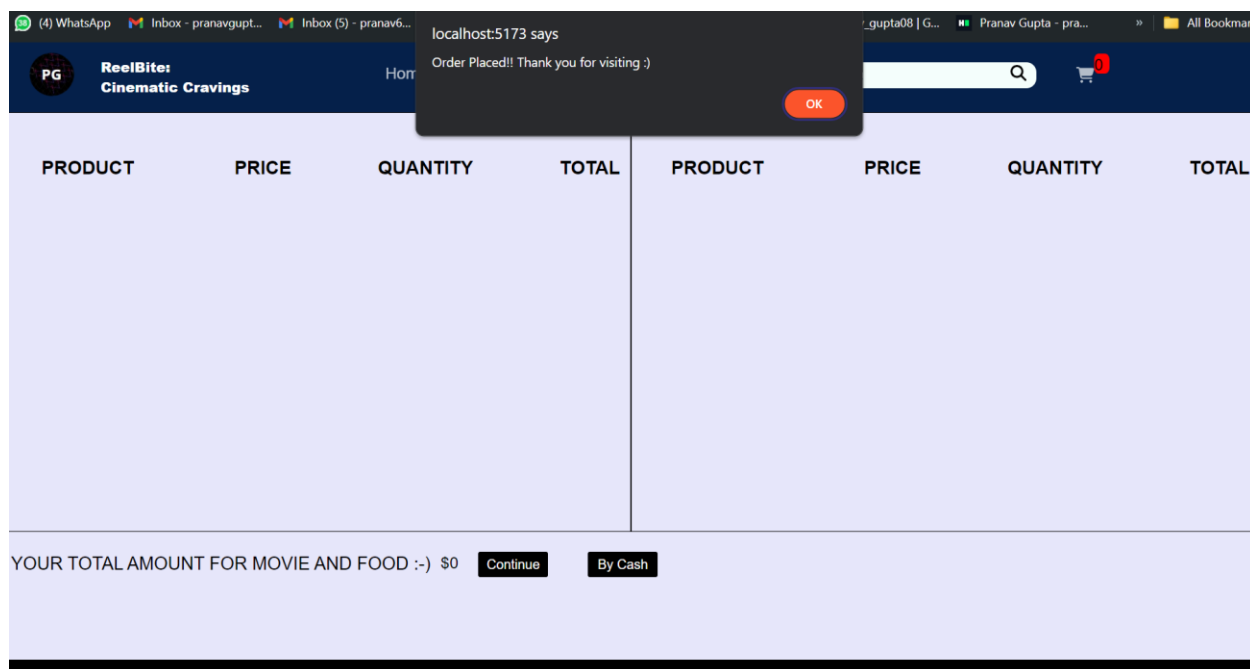
About us page



Exit-Plugin Feature



Payment Gateway



Order Placed Confirmation

References

- [1] NETFLIX, <https://www.netflix.com/in/> Accessed on February 25, 2024.
- [2] BOOKMYSHOW, <https://in.bookmyshow.com/>, Accessed on February 29, 2024.
- [3] WIKIPEDIA, <https://www.wikipedia.org/>, Accessed on February 24, 2024.