

COVENTRY UNIVERSITY
SOFTWARICA COLLEGE

Delli-Bazar, KATHMANDU

A Project
On
हाम्रो Book पसल

Submitted By:

Pratik gautam (230162)

Submitted To:

Hari Sir
August 19, 2024

ACKNOWLEDGEMENT

We would like to express our sincere appreciation to all those from Aryan School of Engineering & Management who have contributed to the development of this project. The collective effort, commitment and expertise demonstrated by each member of the team have been instrumental in achieving our goals.

We extend our heartfelt gratitude to Mr. Mukand Raj Joshi sir for giving us this opportunity to undertake this project. We would also like to thank Mr. Nabin Shrestha sir for whole hearted supported.

Our team's ability to work seamlessly together, leveraging individual strengths and skills, has significantly enhanced the quality and depth of this project proposal. We are confident that our collective effort has resonate positively with stakeholders and pave the way for the successful realization of the project.

Last but not least, thank you all for your commitment and enthusiasm.

Pratik Gautam (230162)

ABSTRACT

This project centers on the development of a specialized e-commerce platform tailored for a हाम्रो Book पसल, aiming to create an engaging and user-friendly online environment for book enthusiasts. The platform combines a vast selection of books and personalized features to offer a delightful and efficient shopping experience. This project aspires to create an immersive and personalized online book-buying experience, combining the charm of a traditional bookshop with the convenience of e-commerce.

TABLE OF CONTENTS	
ACKNOWLEDGEMENT	i
ABSTRACT	ii
LIST OF FIGURES	4
CHAPTER 1: INTRODUCTION	5
1.1 BACKGROUND	5
1.2 PROBLEM STATEMENT	5
1.3 OBJECTIVE	6
1.4 APPLICATION	6
1.5 PROJECT FEATURES	6
CHAPTER 2: LITERATURE REVIEW	7
CHAPTER 3: METHODOLOGY	8
3.1 SYSTEM BLOCK DIAGRAM	8
3.2 ER DIAGRAM	9
3.3 INSTRUMENTAL TOOLS	10
3.3.1 SOFTWARE REQUIREMENTS	10
3.3.2 HARDWARE REQUIREMENTS	10
CHAPTER 4: RESULTS	11
4.1 HOME PAGE	11
4.2 GENRE PAGE	11
4.3 LOGIN PAGE	12
4.4 ADMIN PAGE	12
CHAPTER 5: PROJECT SCHEDULE	13
CHAPTER 7: FEASIBILITY ANALYSIS	14
7.1 ECONOMIC FEASIBILITY	14
7.2 TECHNICAL FEASIBILITY	14
7.3 OPERATIONAL FEASIBILITY	14
CHAPTER 8: CONCLUSION AND FUTURE ENHANCEMENT	15
8.1 Conclusion	15
8.2 Future Enhancement	15
REFERENCES	16

LIST OF FIGURES

Fig 3.1: SYSTEM BLOCK DIAGRAM	8
Fig 3.2: ER DIAGRAM	9
Fig 4.1: HOME PAGE	11
Fig 4.2: GENRE PAGE	11
Fig 4.3: LOGIN PAGE	12
Fig 4.4: ADMIN PAGE	12
Fig 5.1: GANTT CHART	13

CHAPTER 1: INTRODUCTION

1.1 BACKGROUND

हाम्रो Book पसल is conceived from a passion for literature and a vision to transform the way readers engage with books online. In response to the evolving dynamics of the book retail industry, our team sought to create an e-commerce site that seamlessly blends the convenience of online shopping with personalized and communal aspects of a traditional bookshop. हाम्रो Book पसल aims to provide an intuitive and enjoyable browsing experience. हाम्रो Book पसल is not just an e-commerce site; it is a digital haven for book lovers, redefining the online book-buying experience with a commitment to accessibility, diversity and a love for the written word. [1]

1.2 PROBLEM STATEMENT

In the rapidly evolving landscape of the book retail industry, traditional brick and mortar bookshops face the challenge of adapting to changing consumer behaviors and preferences. The increasing shift towards online shopping for books underscores the necessity for a comprehensive and user-friendly e-commerce solution tailored to the unique needs of book enthusiasts. Existing online bookstore often lack the charm and personalized experience offered by physical bookshops, leaving a gap in the market for a platform that seamlessly combines the convenience of digital commerce with the warmth and community spirit of a traditional bookshop. To address these issues, our e-commerce site, हाम्रो Book पसल seeks to create a novel platform that not only bridges the gap between physical and digital book retail but also prioritizes user experience, community engagement and personalized discovery to redefine how readers explore and purchase books online.

1.3 OBJECTIVE

Main objectives of our project are:

- To develop a visually appealing and user-friendly e-commerce website for the bookshop.

1.4 APPLICATION

हमारे Book पसल allows users to browse, select and purchase books from the comfort of their home. This project gives access to an extensive collection of books covering various genres, authors and formats.

1.5 PROJECT FEATURES

Prime features of this project include:

- A vast collection spanning genres, authors and formats for diverse reading preferences.
- An intuitive design that ensures easy navigation and a seamless browsing experience.
- Allow users to create accounts, manage their profiles and their orders.
- Ensures the website is accessible to all users.

CHAPTER 2: LITERATURE REVIEW

Most of the books in Nepal are searched manually in traditional ways like visiting more book shops to find a particular books. This leads to waste of time and effort if particular book is not found. This becomes hard for both bookkeepers as well as the book buyers. Understanding consumer behavior is crucial for the success of e-commerce sites, prompting researchers to investigate various factors influencing purchase decisions and online shopping habits. [2]

Extensive research has been conducted to explore various aspects of e-commerce sites to build effective and user-friendly online bookshops. हाम्रो Book पसल is one of them. हाम्रो Book पसल is made by conducting research to explore various aspects of e-commerce site in order to build effective and user-friendly online bookstores. One important are of focus has been user experience and interface design, emphasizing the significance of intuitive navigation, response design and visually appealing layouts to enhance user engagement and satisfaction. Additionally, search and recommendation systems have been investigated to improve book discovery and provide personalized recommendations. At last, हाम्रो Book पसल is user-friendly and simple to use. [3]

CHAPTER 3: METHODOLOGY

3.1 SYSTEM BLOCK DIAGRAM

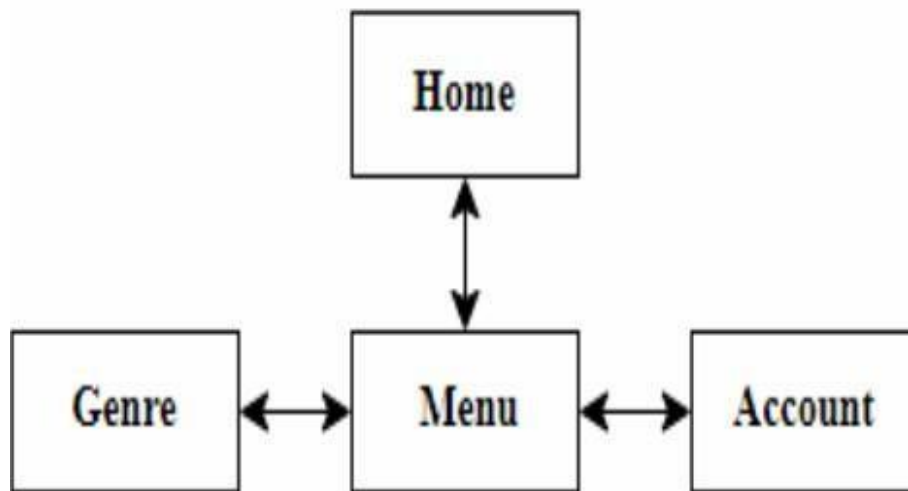


Fig 3.1: SYSTEM BLOCK DIAGRAM

3.2 ER DIAGRAM

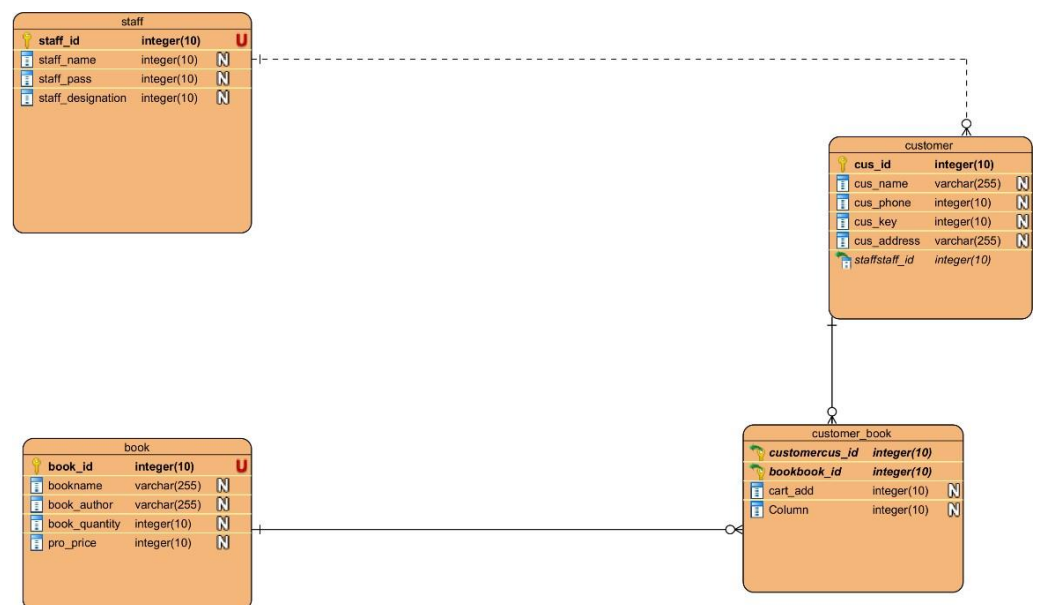


Fig 3.2: ER DIAGRAM

3.3 INSTRUMENTAL TOOLS

3.3.1 SOFTWARE REQUIREMENTS

For the program to run, the set of following software must be prepared with the following specification:

- Microsoft-Disk Operating system, Window 7, Window 8, Window 10, Window 11
- Visual Studio Code
- Node JS
- Browser
- PostgreSql
- Springboot

3.3.2 HARDWARE REQUIREMENTS

For the program to run, the computer hardware must be prepared with the following specification:

- 4 GB RAM (minimum)
- Intel i3, Ryzen 3 or higher series processor
- Storage 1GB (minimum)

CHAPTER 4: RESULTS

4.1 HOME PAGE

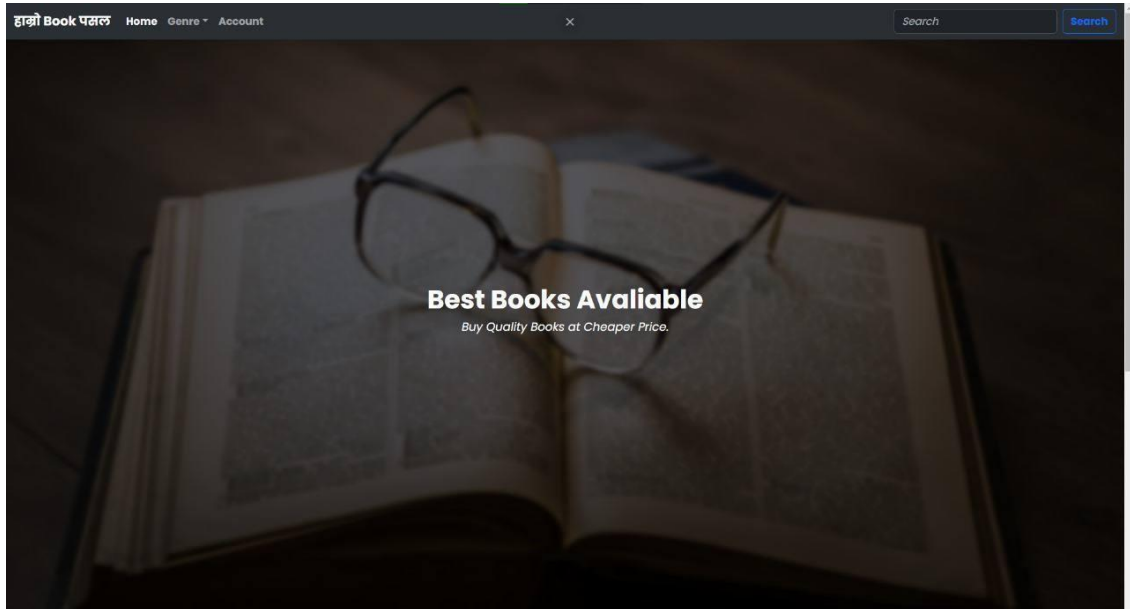


Fig 4.1: Home Page

4.2 GENRE PAGE

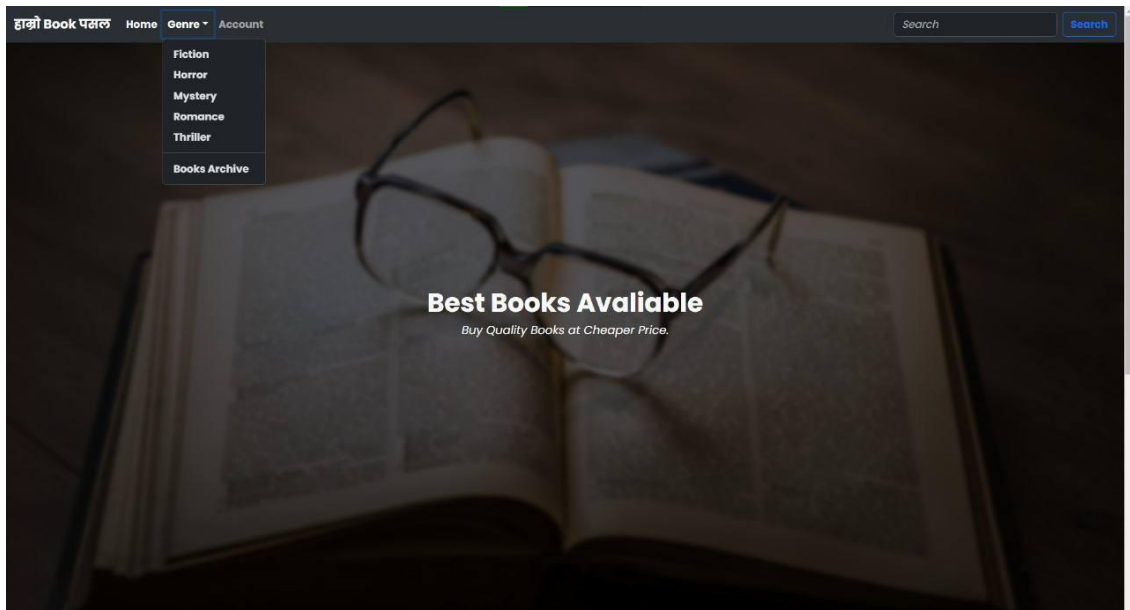
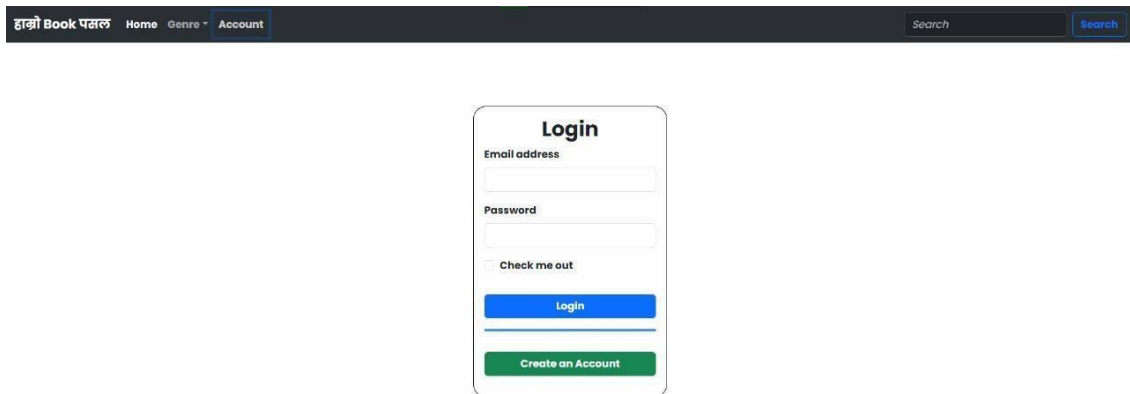


Fig 4.2: Genre Page

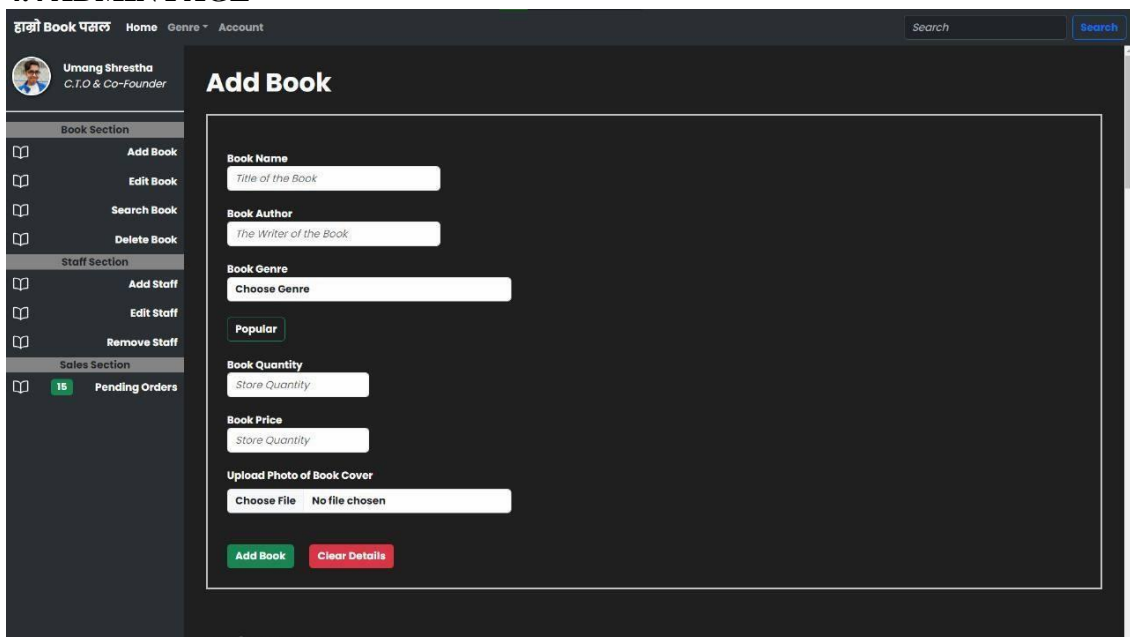
4.3 LOGIN PAGE



The screenshot shows the login page of a web application. At the top, there is a dark navigation bar with the text 'हमारे Book पसल' (Our Book Store) on the left, followed by links 'Home', 'Genre', and 'Account'. On the right side of the bar are a search input field with the placeholder 'Search' and a blue 'Search' button. The main content area is white and features a centered 'Login' form. The form has a title 'Login' in bold. Below the title are two input fields: 'Email address' and 'Password'. Under the password field is a checkbox labeled 'Check me out'. At the bottom of the form are two buttons: a blue 'Login' button and a green 'Create an Account' button.

Fig 4.3: Login Page

4.4 ADMIN PAGE



The screenshot displays the admin interface of the book store. The top navigation bar is identical to the login page. Below the bar, the user's profile is shown on the left, including a profile picture and the name 'Umang Shrestha' with the title 'C.T.O & Co-Founder'. A sidebar menu on the left lists various sections: 'Book Section' (Add Book, Edit Book, Search Book, Delete Book), 'Staff Section' (Add Staff, Edit Staff, Remove Staff), and 'Sales Section' (Pending Orders, with a badge showing '15'). The main content area is titled 'Add Book' and contains several form fields: 'Book Name' (placeholder: 'Title of the Book'), 'Book Author' (placeholder: 'The Writer of the Book'), 'Book Genre' (a dropdown menu currently showing 'Choose Genre' with a 'Popular' button below it), 'Book Quantity' (placeholder: 'Store Quantity'), 'Book Price' (placeholder: 'Store Quantity'), and 'Upload Photo of Book Cover' (a file upload button showing 'Choose File' and 'No file chosen'). At the bottom of the form are two buttons: a green 'Add Book' button and a red 'Clear Details' button.

Fig 4.4: Admin Page

CHAPTER 5: PROJECT SCHEDULE

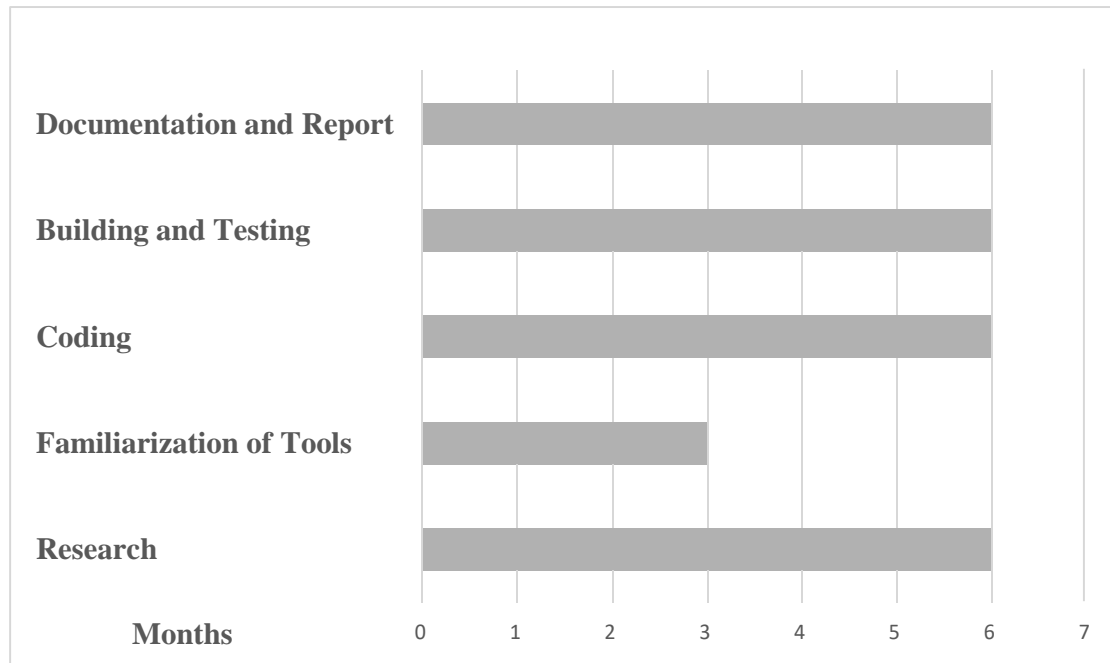


FIGURE 5.1: GANTT CHART

CHAPTER 7: FEASIBILITY ANALYSIS

7.1 ECONOMIC FEASIBILITY

This system is not costly as other systems. This system will save time for book buyers because this system will make searching books easy. Book buyers don't have to go to different book shops to find the books, they need.

7.2 TECHNICAL FEASIBILITY

This system is technically feasible in several ways. It is developed by using a number of readily available programming language. This system will be made with the use of React JS and scripting language PHP.

7.3 OPERATIONAL FEASIBILITY

Operational Feasibility evaluates whether a system is relevant to operate in a particular environment. The हाम्रो Book पसल presents several features making it operational feasible. The system is easy to use, hence it enables any users with minimal computer skills to use it.

CHAPTER 8: CONCLUSION AND FUTURE ENHANCEMENT

8.1 Conclusion

In conclusion, our project हाम्रो Book पसल will help in developing bookshop industry, offering convenience accessibility and an extensive selection of books to readers. Our project हाम्रो Book पसल allows customers to browse and purchase books from the comfort of their homes. With efficient search algorithm and personalized recommendations, हाम्रो Book पसल enhances the shopping experience and help users discover new titles. While traditional bookshops still hold their charm, e-commerce bookshops like ours will undoubtedly transform the way people buy and experience literature, making reading more accessible and enjoyable for booklovers.

8.2 Future Enhancement

Some of the improvements that will be made in the future are:

- Implementing AI-powered recommendation engines to personalize book suggestions based on user preferences and browsing history.
- Launching a subscription-based model for curated book boxes, delivering a personalized selection of titles to subscribers on a regular basis.
- Collaborating with authors, publishers, and other content creators to host virtual book signings, author Q&A sessions, and exclusive events, enhancing the overall customer experience.
- Developing a mobile app for the e-commerce bookshop, providing customers with a convenient and optimized platform for browsing, purchasing, and engaging with book-related content on the go. Etc.

Github Link :https://github.com/pratikgt/hamro_book_shop.git

REFERENCES

- [1] [Build an E-Commerce App using ReactJS. \[Film\]. india.2023.](#)
- [2] ["ChatGPT 3.5," \[Online\]. Available: https://chat.openai.com/c/52dfa6fb-def3-45c2-bd3f-731d352d3aa0.](#)
- [3] <https://murthy-suhas.medium.com/building-a-demo-e-commerce-application-using-react-js-a39494a10e9b>
- [4] ["Poe.com," \[Online\]. Available: https://poe.com/chat/22hcnlc0seqr1c1ogkr. \[Accessed 27 02 2024\].](#)