VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE

INFORMATION TECHNOLOGY DEPARTMENT
YEAR: 2023-24

<u>CERTIFICATE</u>

This is to certify that the Summer Internship submitted by **<u>Sujal Shaileshbhai Mandalia,</u>** towards the fulfilment of the requirements for the degree of Bachelor of Engineering in Information Technology of Vishwakarma Government Engineering College, Ahmedabad, under the Gujarat Technological University, Ahmedabad is the record of work carried out by him under my supervision and guidance. In my opinion, the submitted work has reached a level required for being accepted for examination. The results embodied in this project, to the best of my knowledge, have not been submitted to any other university or institution for award of any degree or diploma.

Prof. Nikunj Gamit

(Internal Guide)

Prof. Vibha Patel

(HOD – IT Department)

Summer Internship Project Report On

Bookstore: E-Commerce website for selling books

By

SUJAL MANDALIA (200170116035)

GUIDED BY

Prof. Nikunj Gamit

A PROJECT REPORT SUBMITTED TO GUJARAT TECHNOLOGICAL UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR DEGREE OF BACHELOR OF ENGINEERING IN INFORMATION & TECHNOLOGY

July – August 2023

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE CHANDKHEDA, AHMEDABAD.

Summer Internship Certificate

Date:18/08/2023

This is to certify that Mandalia Sujal Shaileshbhai undergone summer internship from 27th July 2023 to 10th August 2023. Details of the project is as under

Name of Project: Book Store Application

Technology: ReactJS

We wish him/her grand success for the future.

Authorized Signatory

TatvaSoft, Ahmadabad

Ground Floor,TatvaHouse,Behind Rajpath ClubRoad,Opp-GolfAcademy,Bodakdev,Ahmedabad-380054,Gujarat,India.Website:www.tatvasoft.com,

E-mail:Info@tatvasoft.com;Phone:+919601421472.

INDEX

ACKNOWLEDGEMENT

I wish to express my sincere gratitude to my esteemed guide, Prof. Chetna G. Chand, Assistant Professor, Department of Information Technology, Vishwakarma Government Engineering College, Chandkheda. Their profound expertise, constructive feedback, and invaluable guidance have significantly contributed to shaping this work. I am also thankful for the opportunity to collaborate with Tatvasoft during this internship.

I extend my appreciation to my friends, family, and fellow faculty members for their unwavering support and patience throughout this endeavour. Special thanks go to our parents for their encouragement and financial assistance, without which this achievement would not have been possible.

Yours sincerely,

200170116035 Sujal Mandalia

ABSTRACT

This internship report encapsulates my enriching experience at Tatvasoft, where I actively contributed to a transformative project. The core objectives revolved around refining operational efficiency through the development of an effective Inventory Management System, optimizing Customer Relationship Management processes, and elevating the overall user experience of an e-commerce platform.

Navigating through diverse challenges, I acquired a spectrum of skills, encompassing technical adeptness with relevant technologies and the honing of vital soft skills like communication and time management.

This internship served as a robust learning curve, fostering skill development and personal growth. The practical insights gained played a pivotal role in advancing the project's digital operations. This report provides a detailed account of the tasks undertaken, methodologies employed, encountered obstacles, and the holistic impact of this valuable internship journey.

INTRODUCTION

This report outlines my experiences during a 15-day summer internship at Tatvasoft, where I had the opportunity to learn and work on a practical project. The main focus of the internship was to build an e-commerce website for books using ReactJS. The website had different functions like allowing users to log in, register, search and see all the available books, add books to a cart, and even list books for sale. For the admin, there was a feature to view all the users who had logged in.

During these 15 days, I got to dive into real web development and see how things come together. This report details the tasks I worked on, how I did them, any challenges I faced, and what I learned from the experience of creating a functional website for buying and selling books.

PROBLEM STATEMENT

The absence of a user-friendly and efficient online platform for buying and selling books presents a significant challenge for both book enthusiasts and potential sellers. Existing systems often lack seamless user experiences, integrated shopping carts, and straightforward mechanisms for book listing and management. This impedes the ease of accessing a wide array of books and hinders the streamlined administration of user accounts, leading to a fragmented online book purchasing and selling landscape.

SOLUTION

The proposed solution entails the development of a responsive and user-centric e-commerce website using ReactJS, catering to the unique needs of book enthusiasts and sellers. The platform will address the challenges by incorporating essential functionalities:
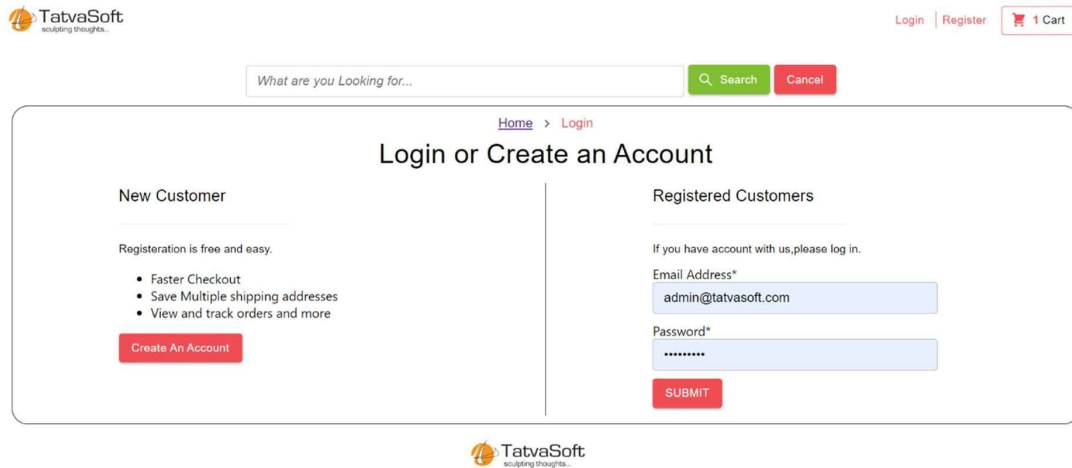
A well-designed and intuitive interface will ensure effortless navigation, enabling users to seamlessly explore, search, and view available books. User authentication and registration mechanisms will provide secure access, personalization, and a seamless shopping experience. A robust search feature will empower users to swiftly locate desired books based on specific criteria, enhancing the overall usability of the platform. Sellers will have the ability to list books for sale, adding to the platform's diversity of offerings and allowing for easy management of their listed items.

USE CASE DIAGRAM
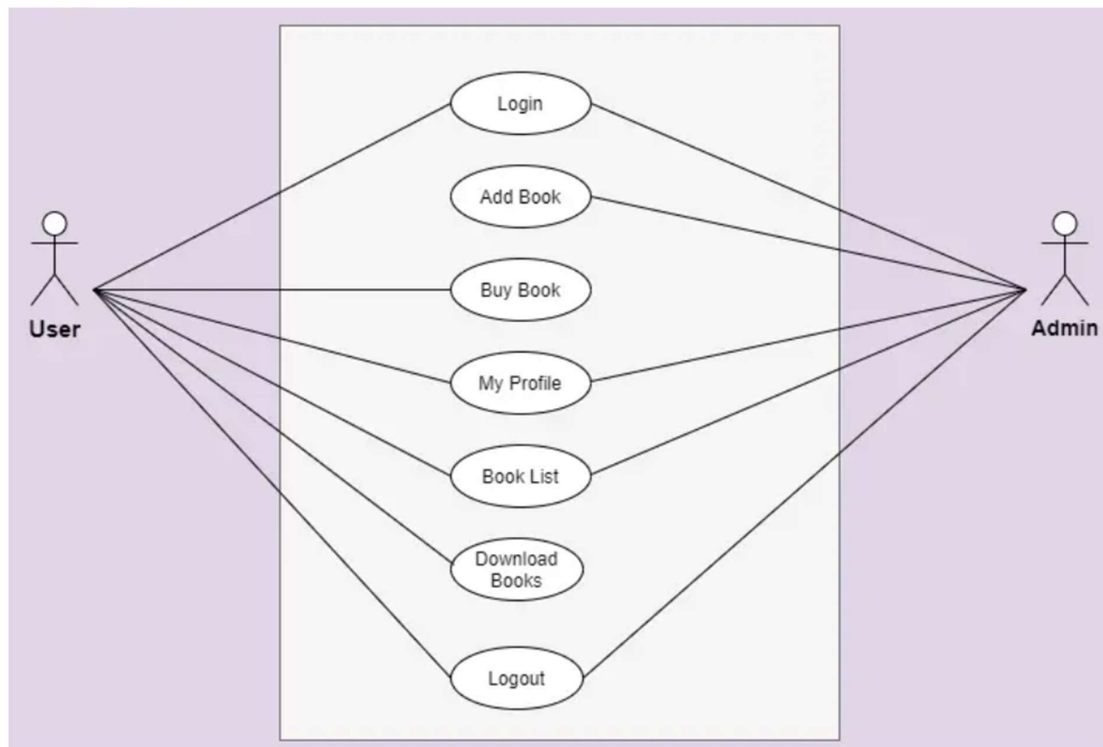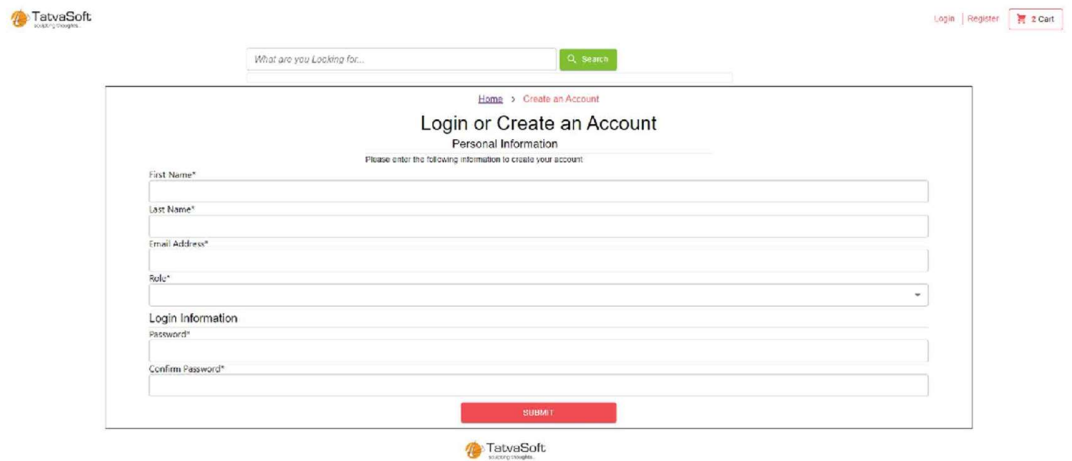
RESULT / SCREENSHOTS

-Login Page:

-Registration Page:

-Book Listing Page:

TatvaSoft
sculpting thoughts...

Users | Categories | Book | Update Profile | LogOut

What are you Looking for...   [Search] [Cancel]

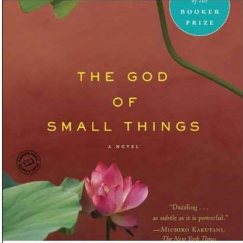# Book Listing

Search...   Sort By [a - z ∨]

Total - 15 items found
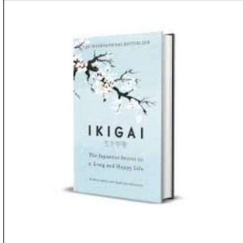
Satayana Prayogo

Indian Novel

Tushar Gadher

ikigai

-Displaying Users:

TatvaSoft
sculpting thoughts...

Users | Categories | Book | Update Profile | LogOut

What are you Looking for...   [Search] [Cancel]

User

Search...

First Name	LastName	Email	Role		
Keval	Patel	keval@admin.com	admin	Edit	Delete
tatvasoft	admin	admin@tatvasoft.com	admin	Edit	
het	parekh	hetparekh1812@gmail.com	seller	Edit	Delete
test	test	t@gmail.com	seller	Edit	Delete

-Editing Users:

-Categories Page:

-Edit Category:

-Book Page:

-Edit Book:

-Edit Profile:

CONCLUSION

In summary, my summer internship at Tatvasoft was an enlightening experience where I honed my web development skills by creating an e-commerce website for books using ReactJS. Over 15 days, I tackled challenges ranging from user authentication to crafting a user-friendly shopping cart and enabling book listings for sellers.

This hands-on opportunity not only boosted my technical expertise but also improved soft skills like communication and problem-solving. Collaborating with experienced professionals enriched my learning. I am grateful to my mentors and the Tatvasoft team for their support.

This internship ignited a passion for web development in me, setting a strong foundation for my future pursuits. As I move forward, I am eager to build on this experience and contribute to the evolving field.

FUTURE SCOPE

The ReactJS-based e-commerce platform for books could redefine the market by attracting a wider audience, streamlining purchases, empowering independent authors, and providing valuable data insights. Its user-friendly interface and efficient features might increase sales and competition, while fostering a sense of community among book enthusiasts. Overall, this platform has the potential to reshape consumer habits, promote reading, and contribute to a dynamic literary landscape.