

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE

INFORMATION TECHNOLOGY DEPARTMENT

YEAR: 2023-24



CERTIFICATE

This is to certify that the Summer Internship submitted by Sujal Shaileshbhai Mandalia, 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.

Nikunj Gamit
Prof. Nikunj Gamit
(Internal Guide)

Prof. Vibha Patel
(HOD – IT Department)

Summer Internship Project Report On
Bookstore: E-Commerce website for selling books

By
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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

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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

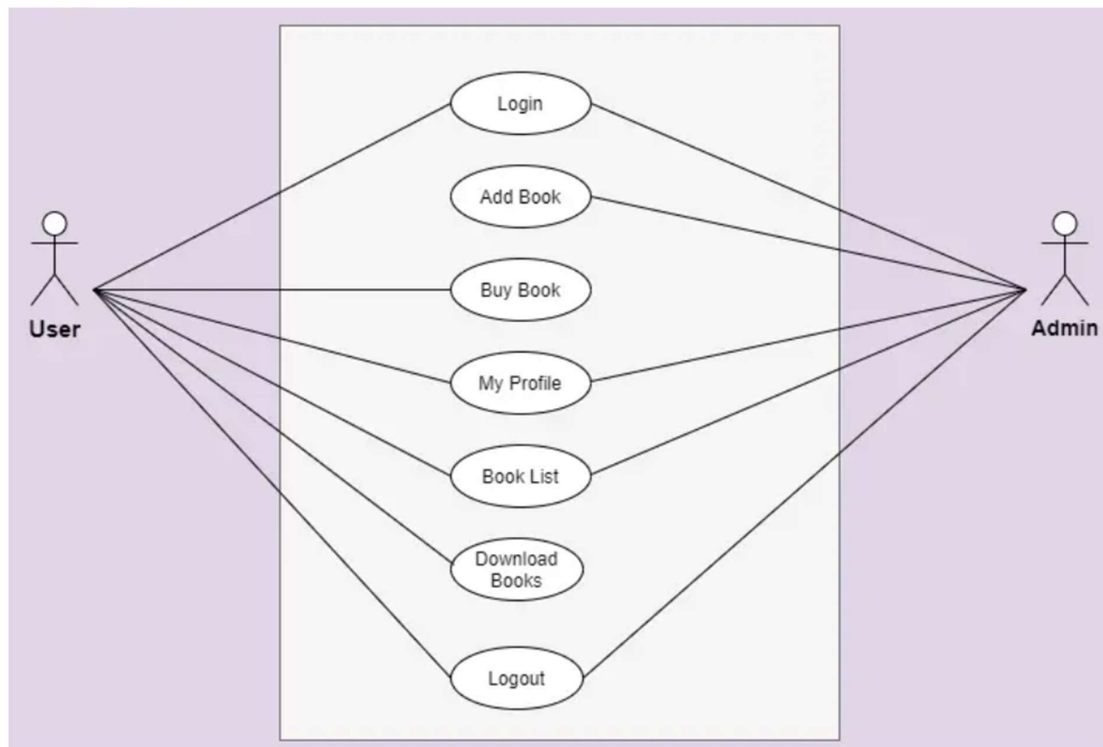
The absence of a user-friendly and efficient online platform for buying and selling books presents a significant challenge for both book enthusiasts and potential sellers. Existing systems often lack seamless user experiences, integrated shopping carts, and straightforward mechanisms for book listing 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:

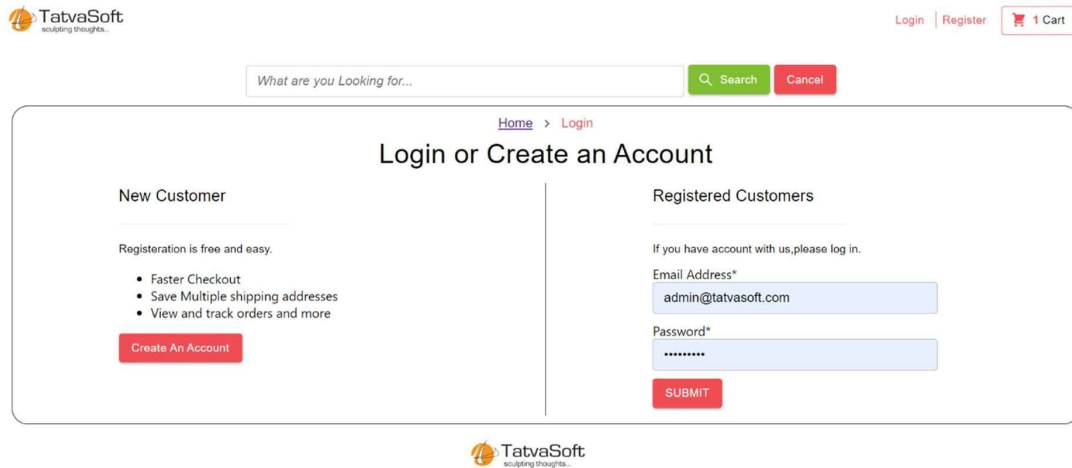
A well-designed and intuitive interface will ensure effortless navigation, enabling users to seamlessly explore, search, and view available books. User authentication and registration mechanisms will provide secure access, personalization, and a seamless shopping experience. A robust search feature will 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



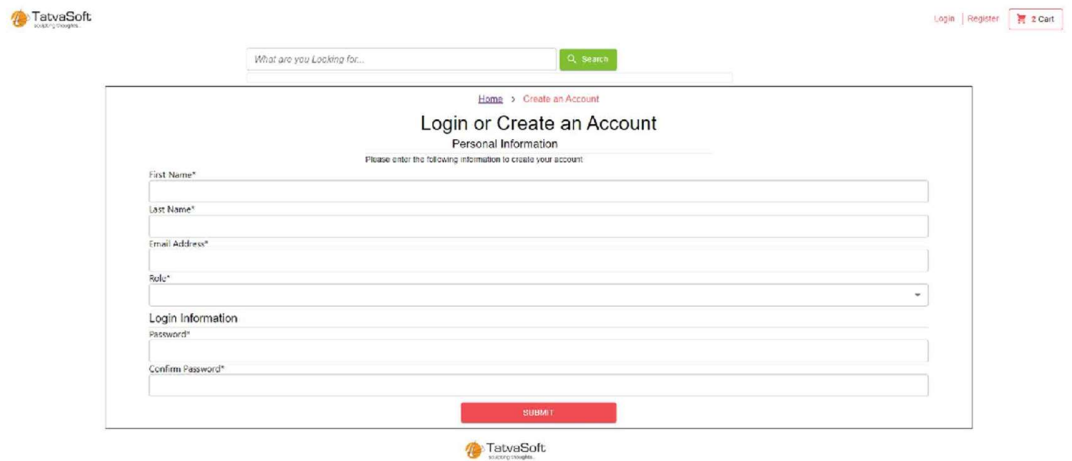
RESULT / SCREENSHOTS

-Login Page:




The screenshot shows the login page of the TatvaSoft application. At the top left is the TatvaSoft logo with the tagline "sculpting thoughts...". To the right are links for "Login" and "Register", and a shopping cart icon showing "1 Cart". Below the header is a search bar with the placeholder text "What are you Looking for..." and buttons for "Search" and "Cancel". The main content area is titled "Login or Create an Account" with a breadcrumb "Home > Login". It is divided into two columns. The left column, titled "New Customer", states "Registration is free and easy." and lists three benefits: "Faster Checkout", "Save Multiple shipping addresses", and "View and track orders and more". It includes a red "Create An Account" button. The right column, titled "Registered Customers", says "If you have account with us, please log in." and contains two input fields: "Email Address*" with the value "admin@tatvasoft.com" and "Password*" with masked characters "*****". A red "SUBMIT" button is at the bottom of the right column. The TatvaSoft logo is centered at the bottom of the page.

-Registration Page:



The screenshot shows the registration page of the TatvaSoft application. It features the same header and search bar as the login page. The main content area is titled "Login or Create an Account" with a breadcrumb "Home > Create an Account". Below the title is the sub-header "Personal Information" and a note: "Please enter the following information to create your account:". The form consists of several input fields: "First Name*", "Last Name*", "Email Address*", and "Role*" (which has a dropdown arrow). Below these is a section titled "Login Information" containing "Password*" and "Confirm Password*" fields. A red "SUBMIT" button is positioned at the bottom center of the form area. The TatvaSoft logo is centered at the bottom of the page.

-Book Listing Page:



[Users](#) | [Categories](#) | [Book](#) | [Update Profile](#) | [LogOut](#)

Book Listing

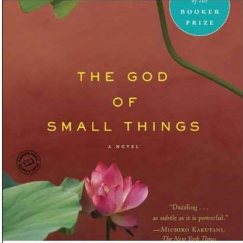
Sort By

a-z


Total - 15 items found



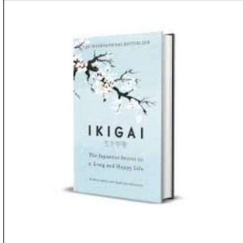
Satayana Prayogo



Indian Novel




Tushar Gadher



ikigai


-Displaying Users:


[Users](#) | [Categories](#) | [Book](#) | [Update Profile](#) | [LogOut](#)

User

First Name	LastName	Email	Role	
Keval	Patel	keval@admin.com	admin	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
tatvasoft	admin	admin@tatvasoft.com	admin	<input type="button" value="Edit"/>
het	parekh	hetparekh1812@gmail.com	seller	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
test	test	t@gmail.com	seller	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

-Editing Users:



Users | Categories | Book | Update Profile | LogOut

What are you Looking for... Search Cancel

Edit User

First Name*

Keval

Last Name*

Patel


Email Address*

keval@admin.com

Role*

SAVE CANCEL

-Categories Page:



Users | Categories | Book | Update Profile | LogOut

What are you Looking for... Search Cancel


Categories Page

Search...

ADD

Category Name	
Historical Fiction	Edit Delete
Fantasy	Edit Delete
Horror	Edit Delete
Thriller	Edit Delete

-Edit Category:

TatvaSoft
sculpting thoughts...

Users | Categories | Book | Update Profile | LogOut

What are you Looking for...


Search Cancel

Edit Category


Category Name*

Category Name is required

SAVE CANCEL

TatvaSoft
sculpting thoughts...

-Book Page:

TatvaSoft
sculpting thoughts...

Users | Categories | Book | Update Profile | LogOut

What are you Looking for...

Search Cancel

Book Page

Search... ADD

Book Name	Price	Category		
Satayana Prayogo	200	Spirituality	Edit	Delete
Indian Novel	1000	Historical Fiction	Edit	Delete
Tushar Gadher	500	Horror	Edit	Delete
ikigai	600	Spirituality	Edit	Delete

-Edit Book:



Users | Categories | Book | Update Profile [Logout](#)

What are you Looking for... [Search](#) [Cancel](#)

Edit Book

Book Name*

Satayana Prayogo

Book Price*

200

Book Category*

Spirituality

Choose File

No file chosen

UPLOAD

Book Description*


grahic

SAVE

CANCEL



-Edit Profile:



Users | Categories | Book | Update Profile [Logout](#)

What are you Looking for... [Search](#) [Cancel](#)

Edit Book

Book Name*

Satayana Prayogo

Book Price*

200

Book Category*

Spirituality

Choose File

No file chosen

UPLOAD

Book Description*

grahic

SAVE

CANCEL



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.