Tribhuvan University
Amrit Campus

**Internship Report
On
Frontend Development (React js)
At
Doerssoft pvt ltd**

**Under the supervision of
Dr. Binod Kumar Adhikari**

**Submitted by
Yubaraj Shrestha
Tu Exam Roll No: (23216/076)
Tu Registration No: 5-2-33-62-2019**

**Submitted to
Department of Computer Science and Information Technology
Amrit Campus
Institute of Science and Technology
Tribhuvan University
Thamel, Kathmandu,Nepal
JULY, 2024**

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Internship Report
On
Frontend Development (React js)
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[Code No: CSC 462]

Under the supervision of
Dr. Binod Kumar Adhikari

An internship report submitted in partial fulfillment of the requirement
for the degree if bachelor of science in computer science and
information technology

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Amrit Campus
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Declaration

I hereby declare that this internship project entitled Saahit at Doorssoft Submitted to the office of the Dean, Institute of Computer Science and Information Technology, Tribhuvan University, is a result of my original work at internship, in the partial fulfillment of requirement for the Bachelor of Science in Computer Science and Information Technology (BSc. CSIT) under the supervision of Dr.Binod Kumar Adhikari at Amrit Science Campus and mentor Sandip Ghimire at Doorssoft Pvt Ltd. Any part of this report and the report therefore has not been submitted or published before for the academic award of any other university or institution.

Yubaraj Shrestha
23216/076

DoerSoft
Transforming the digital world.

Date: 10th June, 2024

To Whom It May Concern

This is to certify that Mr. Yubaraj Shrestha has successfully completed a three-month internship program at DoerSoft Pvt. Ltd. from 29th February 2024 to 3rd june 2024.

During this period, Yubaraj was assigned to the Frontend Development (React.js) Team, where he demonstrated exceptional skills and dedication. His commitment to his responsibilities and significant contributions to our projects were commendable.

Throughout his internship, Yubaraj proved to be a diligent and enthusiastic team member who consistently met and often exceeded expectations. His ability to work collaboratively and his commitment to delivering high-quality results were truly noteworthy. He showed a keen willingness to learn and adapt to new challenges, consistently delivering outstanding work.

We believe that the experience and skills gained during this internship will greatly benefit Yubaraj in his future endeavors. We wish him all the best in his career.

For any further information regarding Yubaraj's internship, please contact us at info@doerssoft.com

With Regards,

Krishna Prasad Pokhrel
CTO
krishna@doerssoft.com
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Phone
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Email
Shankhamul-31,Kathmandu

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Tribhuvan University
Institute of Science and Technology
Amrit Campus
Department of Computer Science and Information Technology

Email: comdept@ac.tu.edu.np || Website: www.ac.tu.edu.np

Recommendation Letter of Supervisor

I hereby recommend that the project prepared under my supervision by Mr. Yubaraj Shrestha entitled Saahiit be accepted as fulfilling in partial requirement for the degree of Bachelors of Science in Computer Science and Information Technology. In my best knowledge, this is an original work in Computer Science and Information Technology.

…………………………..
Dr. Binod Kumar Adhikari
Supervisor
Full designation
Organization

Recommendation letter of Mentor's

MENTOR'S RECOMMENDATION

As a mentor at DoersSoft Pvt. Ltd., I am pleased to endorse Yubraj Shrestha's tenure as a Frontend Developer Intern, from February 29, 2024 to June 3, 2024. Throughout his time with us, Mr. Shrestha has demonstrated exceptional proficiency in frontend development, including designing and implementing user interfaces, integrating APIs, ensuring cross-browser compatibility, and optimizing web performance. His attention to detail and adherence to best practices in coding standards have consistently met our high expectations.

Mr. Shrestha has shown strong skills in JavaScript, HTML, CSS, and frontend frameworks such as React and Angular. His ability to collaborate effectively with backend developers and other team members has significantly contributed to the seamless execution of our projects. He has also excelled in debugging and troubleshooting, ensuring that any issues are resolved promptly and efficiently.

His proactive attitude, coupled with his technical expertise, has made him an invaluable asset to our team. Mr. Shrestha's adaptability, reliability, and effective communication skills have consistently exceeded our expectations. He is always eager to learn and has a genuine passion for frontend development, which is evident in his work.

Based on his outstanding performance and valuable contributions, I confidently recommend Mr. Shrestha for future endeavors. For any inquiries regarding Mr. Shrestha's tenure with us, please feel free to reach out. Thank you.

Sandip Ghimire
Project Manager
DoersSoft Pvt. Ltd.

DoerSoft

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9867468843	offical@doerssoft.com	Shankhamul-31,Kathmandu

Certificate of
Approval

This is to certify that this project prepared by Yubaraj Shrestha entitled Saahiit in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Information Technology has been well studied. In our opinion, it is satisfactory in the scope and quality as a project for the required degree.

…………………………..
Dr. Binod Kumar Adhikari
Supervisor
Department of Computer Science
& Information Technology
Amrit Campus

……………………………..
(Mr. Dhirendra Kumar Yadav)
Coordinator
Department of Computer Science &
Information Technology
Amrit Campus

…………………
External Examiner
Tribuvan University

Acknowledgement

Abstract

Saahitt is an event management application designed to provide comprehensive solutions for booking events, particularly weddings, bratabanda along with various associated services. It allows users to book events, select menus, and hire vendors such as photographers, decorators, and more. The platform features a dedicated content management system (CMS) for vendors and users, ensuring a streamlined and efficient experience.

The Saahitt application enables users to log in and access features tailored to their roles. Event organizers can book events and customize their requirements, while vendors can manage their services and bookings through a vendor-specific CMS. Additionally, a super admin panel oversees both user and vendor activities, maintaining overall control and ensuring seamless operation of the platform.

This report provides an insight into the internship work carried out as a Frontend Developer at Saahitt. The project involved developing the web application using React and Next.js, focusing on creating a dynamic and user-friendly interface. While some aspects of the project's inner workings and structure are confidential, this report discusses the key tasks and learning outcomes from the internship experience.

Keywords: Saahitt, event management, wedding booking, vendor CMS, user CMS, super admin CMS, React.

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Abbreviations

SEO - Search Engine Optimization

SQL-Structure Query Language

HR - Human Resources

HTTP - Hypertext Transfer Protocol

UI - User Interface

UX - User Experience

Chapter 1: Introduction

1.1 Introduction

Event planning, particularly weddings, is an intricate and information-intensive endeavor. Traditionally, individuals had to visit multiple venues, contact various vendors, and coordinate numerous details manually, consuming significant time and effort. To streamline this process and enhance the user experience, Saahitt has been developed.

Saahitt is an innovative event management platform that provides comprehensive solutions for booking and managing weddings and related services. It enables users to book events, select wedding menus, and hire various vendors, including photographers, decorators, and caterers. The platform is designed to offer a seamless and hassle-free experience, bringing all essential services under one roof.

Through the Saahitt Admin Panel, both users and vendors can register and manage their profiles and services. Users must log in to access features tailored to their roles, whether as event organizers or service providers. Event organizers can customize their wedding plans by selecting from various menu options and booking vendors, while vendors can manage their offerings and bookings through a dedicated vendor CMS. Additionally, a super admin panel oversees all activities, maintaining control and ensuring smooth operation of the platform.

The main goal of Saahitt is to provide a one-stop solution for all wedding planning needs, transforming the traditional, labor-intensive process into an efficient and enjoyable experience. By facilitating direct interactions between event organizers and service providers, Saahitt bridges the gap, making wedding planning more accessible and convenient

1.2 Problem statement

In today's digital age, the internet has become an integral part of everyday life, permeating millions of households and serving as a crucial platform for various services, including event planning. Traditional wedding planning involves extensive manual coordination, requiring individuals to visit venues, negotiate with vendors, and manage numerous details, which can be time-consuming and cumbersome.

Despite the availability of some online event management solutions, there remains a significant gap in comprehensive platforms that seamlessly integrate all aspects of wedding planning. Current solutions often lack user-friendly interfaces, efficient vendor management, and cohesive communication channels between event organizers and service providers.

Saahitt addresses these challenges by providing an online event management system that streamlines the entire process of planning and managing weddings. The application allows users to book events, select menus, and hire various vendors, all through a single platform. Both event organizers and vendors can maintain and manage their profiles, services, and bookings efficiently. Additionally, a super admin panel oversees all activities, ensuring smooth operation and user satisfaction.

This system is particularly useful for individuals who can post and edit their event details, manage vendor interactions, and keep track of all necessary information in one place. By integrating comprehensive features and user-friendly functionalities, Saahitt aims to transform the traditional wedding planning process into a more accessible, efficient, and enjoyable experience.

1.3 Objectives

The aim of the Saahitt project is to build a comprehensive and user-friendly event management platform specifically tailored for wedding planning. This platform will streamline the process of booking events, selecting menus, and hiring vendors, making it more efficient and enjoyable for users. The objectives of this project are:

- **To Centralize Event Planning:** Provide a single platform where users can manage all aspects of wedding planning, from booking venues to hiring photographers and selecting catering services.
- **To Enhance User Experience:** Develop a seamless and intuitive user interface that allows event organizers and vendors to easily navigate and utilize the platform's features.
- **To Facilitate Efficient Vendor Management:** Implement a robust vendor content management system (CMS) that enables vendors to manage their profiles, services, and bookings efficiently.
- **To Ensure Seamless Communication:** Enable direct communication between event organizers and vendors, fostering better coordination and clarity in planning.
- **To Provide Comprehensive Administrative Control:** Develop a super admin panel to oversee all activities on the platform, ensuring smooth operation and addressing any issues promptly.
- **To Optimize Performance and Reliability:** Ensure the platform is cost-efficient, bug-free, and capable of handling high volumes of user interactions and transactions.
- **To Customize User Experience:** Allow users to personalize their wedding planning process by selecting menus and services that best meet their needs and preferences.
- **To Streamline Registration and Access:** Simplify the registration process for both users and vendors, ensuring quick and easy access to the platform's features and functionalities.

By achieving these objectives, Saahitt aims to revolutionize the traditional wedding planning process, making it more accessible, efficient, and enjoyable for all users.

1.4 Scope and limitations

1.4.1 Scope

The Saahitt event management platform is designed to provide a comprehensive and integrated solution for planning and managing weddings. The scope of the project includes:

- **Event Booking:** Users can book wedding events, choose venues, and schedule dates through the platform.
- **Menu Selection:** The platform allows users to select and customize wedding menus based on their preferences and dietary requirements.
- **Vendor Management:** Users can hire various vendors such as photographers, decorators, and caterers. Vendors have access to a dedicated CMS to manage their services and bookings.
- **User Management:** Both event organizers and vendors can maintain and update their profiles, track bookings, and manage interactions.
- **Administrative Control:** A super admin panel is available to oversee all user and vendor activities, ensuring smooth operation and resolving issues promptly.
- **User Roles:** The platform supports different user roles, including event organizers, vendors, and super admins, each with specific permissions and functionalities.
- **Real-Time Communication:** The system facilitates direct communication between users and vendors for better coordination and clarity.
- **Responsive Design:** The platform is designed to be responsive, providing a seamless experience across various devices, including desktops, tablets, and smartphones.

Security and Privacy: The platform incorporates robust security measures to protect user data and ensure privacy.

1.4.2 Limitation

While the Saahitt platform offers numerous features and benefits, there are some limitations:

- **Internet Dependency:** Users must have an active internet connection to access the platform and its features. Offline access is not supported.
- **Device Compatibility:** The platform may not be fully optimized for all portable devices, particularly older models with outdated browsers.
- **Admin-Dependent Registration:** New users, including event organizers and vendors, can only access the platform if they are added by the admin. This can delay the onboarding process.
- **Scalability Issues:** As the user base grows, the platform may require additional resources and optimization to maintain performance and reliability.
- **Feature Limitations:** While the platform covers a wide range of wedding planning needs, some specialized features or customizations may not be available.
- **Data Management:** Users are responsible for maintaining accurate and up-to-date information in their profiles and bookings. Incorrect data can lead to miscommunication and errors.
- **System Maintenance:** Regular maintenance and updates are required to ensure the platform remains secure and functional, which may result in occasional downtime

1.5 Report organization
Chapter One: Introduction

This chapter includes the problem statement, objectives, and the scope and limitations of the Saahitt project.

Chapter Two: Organization Details

This chapter provides an introduction to the organization behind the Saahitt platform, including its hierarchy and working domain.

Chapter Three: Internship Activities

This chapter details the roles and responsibilities undertaken during the internship, including a weekly log and a description of the specific projects and tasks involved.

Chapter Four: Conclusion and Learning Outcomes

This chapter presents the conclusion of the project, summarizing the system's overall impact and the lessons learned during the internship.

Chapter 2: organization details and literature review
2.1 Introduction

Doorssoft Pvt. Ltd is a dynamic company specializing in innovative software solutions for a variety of organizations. With a rich experience spanning over 9 years and a portfolio of more than 25 plus successfully completed projects, Doorssoft is committed to building a brand synonymous with customer loyalty and exceptional service. The company focuses on developing versatile software that can be utilized by companies within the same industry.

Table 2. 1Organization Details

Name	Doorssoft
Type	Pvt ltd
Location	Sankhamul, Lalitpur, Nepal
Website	https://doerssoft.com/
Email	info@doerssoft.com

2.2 Organization hierarchy

```
                        ┌─────────────┐
                        │     CEO     │
                        └──────┬──────┘
                        ┌──────┴──────┐
                        │     CTO     │
                        └──────┬──────┘
   ┌───────────────┬──────────┴──────────┬───────────────┐
┌──────────┐  ┌────────────┐      ┌────────────┐   ┌────────────┐
│ Marketing│  │  Android   │      │    Web     │   │ Account and│
│ and sales│  │application │      │application │   │  finance   │
│          │  │development │      │development │   │            │
└────┬─────┘  └─────┬──────┘      └─────┬──────┘   └─────┬──────┘
┌──────────┐  ┌────────────┐      ┌────────────┐   ┌────────────┐
│ Marketing│  │  Project   │      │  Project   │   │   Office   │
│ and sales│  │  manager   │      │  manager   │   │  manager   │
└──────────┘  └─────┬──────┘      └─────┬──────┘   └────────────┘
              ┌────────────┐      ┌────────────┐
              │   Senior   │      │   Senior   │
              │ developer  │      │ developer  │
              └─────┬──────┘      └─────┬──────┘
              ┌────────────┐      ┌────────────┐
              │   intern   │      │   intern   │
              └────────────┘      └────────────┘
```
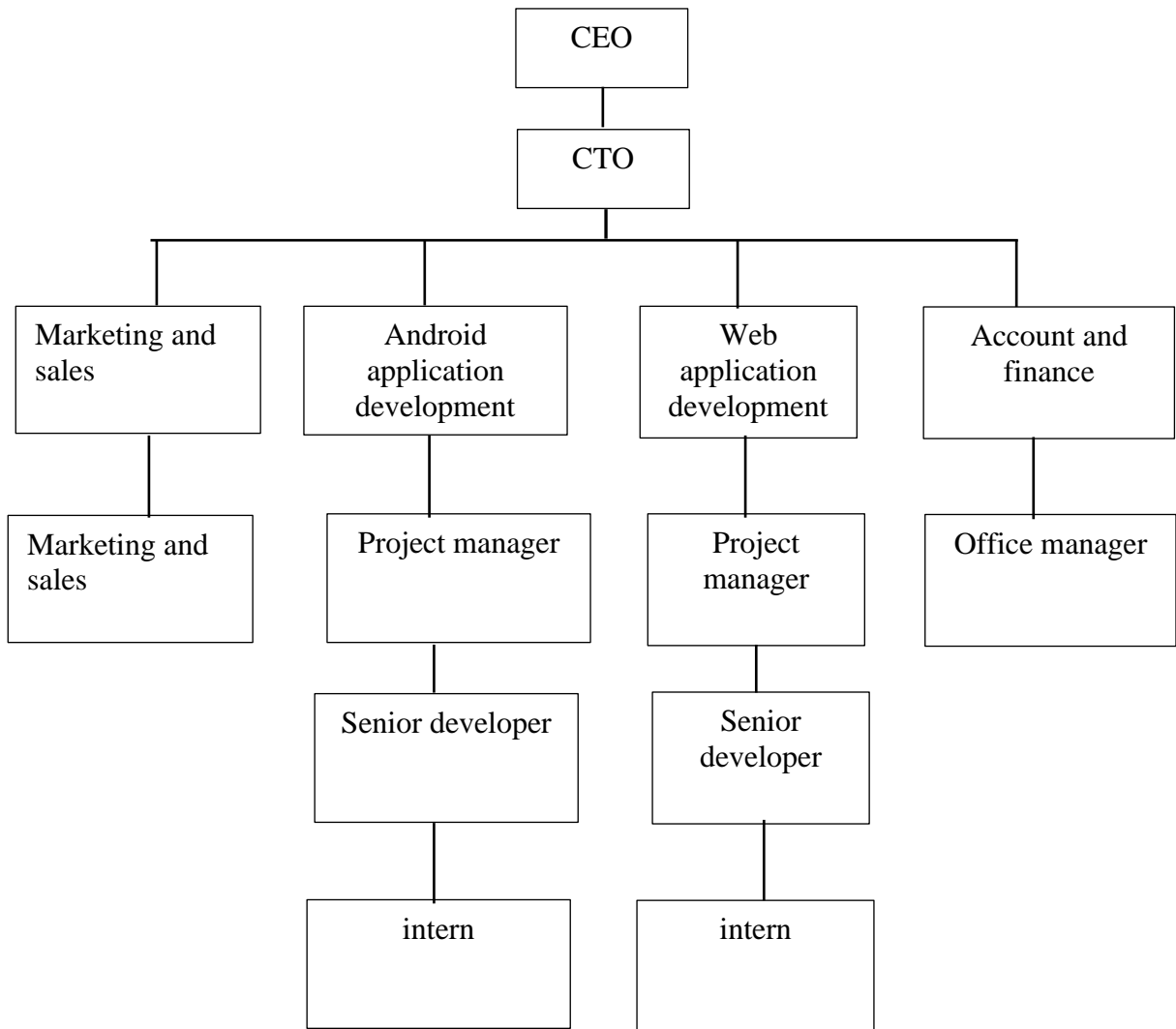
figure 2. 1 Hierarchy of organization

2.3 Working domain of organization

The core vision of Doorssoft is to understand the specific needs of their clients and develop web-based generic software, supplemented by companion Android and iOS applications. Additionally, Doorssoft provides comprehensive digital marketing services to support their clients' growth and success.

Doerssoft Pvt. Ltd is a service-oriented technology company dedicated to providing high-quality software and digital services. The various services offered by the company include:

      a. UI/UX Design

      b. Website Development

      c. Graphics Design

      d. Mobile Application Development

      e. Digital Marketing

2.4 description of intern department and units

As an intern, I worked as a React web developer under the direction of Mr. Sandip Ghimire, Senior Developer, and Mr. Krishna prasad Pokharel, Project Manager of the division. The department's primary goals include fulfilling client requirements, building designs, creating APIs, and developing software.

Under the mentorship of Mr. Sandip Ghimire and Mr. Krishna prasad Pokharel, I was assigned to build the Saahiit Admin Panel along with all of cms of the project saahiit.

Table 2. 2 Internship description

Internship	React Web Developer
Organization	Doorssoft Pvt ltd
Address	Sankhamul-lalitpur
Mentor	Mr. Sandip Ghimire & Mr .krishna prasad Pokharel
Time Period	(29th feb- 3rd june) 2024
Hours per day	7 hrs. (10AM - 5PM)
Office days	5 days (monday – Friday)
Position	intern

2.5 Requirement Collection

Requirement collection is a critical phase in system development. It involves gathering the necessary functions, capabilities, and characteristics needed for the development project. During my internship, the senior web developer prepared and explained the basic requirements for the Saahitt application, ensuring I understood the essential elements of the application to be designed.

2.5.1 Functional Requirements

Functional requirements specify what the system should do. The main functional requirements of the Saahitt system are as follows:

- **Book an Event:** This use case allows users to search for and book events such as weddings.
- **Select Menu:** This use case enables users to choose menu options for their events.
- **Book Vendors:** This use case allows users to search for and book vendors like photographers, caterers, decorators, etc.
- **Manage Bookings:** This use case enables users to view and manage their existing bookings.
- **Vendor CMS:** This use case allows vendors to manage their profiles, services, and bookings.
- **User CMS:** This use case enables users to manage their profiles and event details.
- **Super Admin CMS:** This use case provides an overview and management of the entire system, including user and vendor activities.
- **Create an Account:** This use case allows users to create an account on the website, saving their personal information and booking history.
- **Sign In:** This use case allows users to sign in to their existing accounts on the website.
- **Contact Customer Support:** This use case enables users to contact customer support for any questions or concerns.

2.5.2 Non-Functional Requirements

Non-functional requirements specify the criteria the Saahitt system should conform to, focusing on aspects like performance, usability, and compatibility rather than specific functionalities. The main non-functional requirements for Saahitt are:

- **Browser Compatibility:** The website should be compatible with the last three major versions of Firefox, Chrome, Internet Explorer, and Safari.
- **Performance:** All components of the website should be fully loaded within a reasonable time without degrading performance.
- **User Friendliness:** The website should be user-friendly with content that is easily readable by all types of users.
- **Information Accuracy:** The website should provide correct information about all modules.
- **Response Time:** The website should have optimal response times for web page loading, screen opening, and refreshing each page.

2.6 Feasibility Study

Feasibility analysis helps determine if the project will be successful by evaluating various aspects such as economic, technical, legal, and operational feasibility.

2.6.1 Technical Feasibility

Technical feasibility ensures that the new system can operate within the existing infrastructure. For Saahitt, it is technically feasible as all required resources for development and maintenance are available within the organization.

2.6.2 Economic Feasibility

Economic feasibility involves a Cost/Benefit analysis to determine if the system's benefits outweigh its costs. If the benefits are higher, the system is considered economically feasible. The project's economic feasibility for Saahitt was based on the budget provided by the cost estimation made by the project manager at DoersSoft Pvt. Ltd.

2.6.3 Operational Feasibility

Operational feasibility measures how well the system solves problems and fulfills requirements. It assesses the system's functionality before and after implementing new features. For Saahitt, the enhanced GUI feature ensures ease of use, making the system operationally feasible without requiring detailed knowledge.

2.6.4 Legal Feasibility

Legal feasibility addresses various legal issues, contracts, policies, and laws. It ensures that the application is legal to operate. For Saahitt, legal feasibility was ensured by reviewing all legal requirements as per the government regulations of Nepal.

2.6.5 Schedule Feasibility

Schedule feasibility evaluates the likelihood of completing the project within the planned time limits. For Saahitt, the project had a high probability of being completed on time, making its schedule feasibility high.

2.6.6 Schedule Feasibility.

Schedule feasibility is defined as the probability of a project to be completed within itsscheduled time limits, by a planned due date. If a project has a high probability to be completed on-time, then its schedule feasibility is appraised as high

Table 2. 3Schedule Feasibility

	29th feb	2nd mar	11th mar	21 mar	10 apr	28 may
Preliminary Research	■					
Planning	■	■				
Topic Analysis		■	■			
Project Framework Design			■	■		
Website Front End				■	■	
Implementation				■	■	
Testing				■	■	
Documentation					■	■

2.7 Literature review

Online platforms connecting service providers with customers, such as Saahitt, are significantly altering the landscape of service-oriented businesses. These platforms facilitate seamless interactions between parties, providing a convenient way for customers to find and book services while offering service providers a broader reach and improved operational efficiency (Smith & Johnson, 2021). In the context of Saahitt, which focuses on connecting customers with available party palaces based on their needs and available dates, several key aspects are highlighted in the literature.

Connecting Service Providers and Customers:

Saahitt's core functionality revolves around linking customers with party palaces that match their event requirements. Research indicates that platforms facilitating such connections improve market efficiency by reducing search costs for customers and lowering advertising expenses for service providers (Lee & Brown, 2020). This dual benefit enhances the overall user experience and promotes business growth.

Don Norman's The Design of Everyday Things (2013) highlights the principles of user-centered design, emphasizing the creation of intuitive products through concepts like affordances, signifiers, and feedback. It underscores understanding user psychology, designing for error recovery, and iterative refinement based on user feedback, significantly influencing fields such as product design and human-computer interaction by promoting usability and efficiency.

User Experience and Platform Usability:

The success of platforms like Saahitt heavily depends on their usability and user experience (UX) design. A well-designed UX can significantly impact user satisfaction and engagement, making it easier for customers to navigate the platform, find relevant information, and make bookings (Norman, 2013). Saahitt's user interface (UI) should be intuitive and responsive, ensuring a seamless experience across different devices and browsers (Krug, 2014).

Search and Filtering Algorithms:

Effective search and filtering algorithms are essential for platforms like Saahitt, which need to match user requirements with available options efficiently. Utilizing advanced search techniques and machine learning algorithms can improve the accuracy of search results and provide users with more relevant suggestions based on their preferences and past behavior (Mitchell, 1997).

Impact of Reviews and Ratings:

Customer reviews and ratings play a significant role in influencing booking decisions on service platforms. Studies have shown that positive reviews can increase trust and encourage more bookings, while negative reviews can have the opposite effect (Chevalier & Mayzlin, 2006). Integrating a robust review system where users can leave feedback helps maintain transparency and build a trustworthy community.

Service Provider Management:

Managing the relationship with service providers is another critical aspect. Providing tools for party palaces to manage their listings, availability, and pricing helps ensure that the platform remains up-to-date and accurate (Gulati, 2007). Offering analytics and insights to service providers can also help them optimize their operations and improve service delivery.

Future Research Directions:

While existing research highlights the benefits and challenges of platforms like Saahitt, future studies could delve deeper into optimizing search and booking algorithms, enhancing real-time data synchronization techniques, and exploring the long-term impacts of user reviews on service quality and platform reputation. Additionally, investigating the effectiveness of different UI/UX design strategies in improving user engagement and satisfaction could provide valuable insights for further improving the platform (Thompson & Green, 2022).

Chapter 3: INTERNSHIP ACTIVITIES

3.1 Roles and Responsibilities

As a React.js Developer: I was responsible for creating new projects and upgrading existing ones. My key roles and responsibilities included:

- Completing tasks assigned by the supervisor.
- Upgrading and modifying existing software.
- Fixing bugs and improving the system's structure.
- Developing self-learning capabilities and seeking help from a mentor when needed.

3.2 Weekly Logs

Table 3. 1(Week 1)

Day 1	Orientation and general meeting.
Day 2	Analyze the requirements of the system.
Day 3	Research on the UI design.
Day 4	Learn and Explore the about ui design
Day 5	Create a basic design .
Day 6	Reflection and general meeting on the weeks work.

Table 3. 2(Week 2)

Day 7	Explore basic introduction of html, css
Day 8	Brief introduction about html (tags,heading,list,styles,links,formatting,images,tables,iframe,button etc)
Day 9	Brief introduction about css (types,border,margin,padding,colors,icons,z-indes,fonts,etc)
Day 10	Small project on html and css.
Day 11	Explore on that project.

| Day 12 | Reflection and general meeting on the weeks work. |

Table 3. 3(Week 3)

Day 13	Introduction to bootstrap
Day 14	Brief introduction about bootstrap
Day 15	Learn about responsiveness of website
Day 16	Small project on html, css and bootstrap
Day 17	Explore on that project.
Day 18	Reflection and general meeting on the weeks work.

Table 3. 4 (Week 4)

Day 13	Introduction to basic of Javascript
Day 14	learn about javascript functions ,objects and classes,
Day 15	JS form Validation
Day 16	Learn basic of Dom in JS
Day 17	Brief about DOM
Day 18	Reflection and general meeting on the weeks work.

Table 3. 5 (Week 5)

Day 19	Small example on DOM
Day 20	Explore more about DOM
Day 21	Learn about client side and server side
Day 22	Explore more about it
Day 23	Learn about WEB API
Day 24	Reflection and general meeting on the weeks work.

Day 25	Small project on making calculator using html css js and bootsrap
Day 26	Continue of project
Day 27	Completion of project
Day 28	Submission of Project
Day 29	Concept about JS framework
Day 30	Reflection and general meeting on the weeks work.

Table 3. 6(Week 6)

Table 3. 7(Week 7)

Day 31	Introduction to Responsive of website
Day 32	Learn about Responsiveness and implement it
Day 33	Submission of Assignment project
Day 34	Learn and explore about MVC architecture
Day 35	Implement it .
Day 36	Reflection and general meeting on the weeks work.

Table 3. 8 (Week 8)

Day 37	Team meeting on the new project.
Day 38	Exploring the development works.
Day 39	Choosing and designing development models with teams.
Day 40	Create a roadmap for the project with teams.
Day 41	Explore the concepts of Template in details.
Day 42	Overall Reflection and general meeting about this project.

Table 3. 9(Week 9)

Day 43	Client Meeting and team meeting about Project requirements and current progress
Day 44	Work on Page UI design, wireframe.
Day 45	Completion of design
Day 46	Meeting with client for finalization of design
Day 47	After finalization of design , worked on frontend for home page.
Day 48	Fix error and bugs in the page design

Table 3. 10(Week 10)

Day 49	Worked in responsiveness of home page.
Day 51	Test the functionality
Day 52	Create admin panel and test it.
Day 53	Learn about client requirement and try to figure it out.
Day 54	Design the login and register page
Day 55	Worked in front about this page and its responsiveness.

Table 3. 11(Week 11)

Day 56	Create a design about packages section.
Day 57	Worked in front about packages section and its responsiveness
Day 58	Update this with main page.
Day 59	Testing the working of package addition and removal and update it.
Day 60	Provide update to backend developer and check for error and bugs.
Day 61	Now create a design for contact us and about page and worked on its frontend.

Table 3. 12(Week 12)

Day 62	Finalize of all the UI design to senior programmer.
Day 63	Fixing error
Day 64	Fixing bugs and update it.
Day 65	Testing of project and submission to backend developer.
Day 66	Issued solved by backend developer and develop remaining code within 4-5 days submitted to senior
Day 67	Finalization of Project checking its feasibility and many more by senior developer

Table 3. 13(Week 13)

Day 62	Showcase of project to team
Day 63	Team meeting and reflections sessions.
Day 64	Finalization of project by CEO
Day 67	Ending ceremony of the internship.

Chapter 4: IMPLEMENTATION
4.1 Introduction

Implementation is the phase where the theoretical design of the Saahitt system is turned into a functional and operational platform. This phase is critical for ensuring the success of the new system and building user confidence in its functionality and effectiveness. Implementation involves careful planning, investigation of the existing system, understanding constraints, designing transition methods, and evaluating the effectiveness of these methods.

4.2 Implementation Tools

The implementation of Saahitt involved several tools and technologies to bring the designed system into operational use. Each task identified in the design specification was carried out in this phase, ensuring the system was thoroughly tested before becoming operational.

4.2.1 Front End Tools

React.js:
React.js was used to create the user interface components. It enabled the development of a dynamic and responsive front end for the Saahitt platform.

HTML5:
HTML5 was utilized to structure the content of the web pages, including headings, paragraphs, images, and other elements.

CSS:
CSS was employed to style the layout of the project, including component design, color schemes, font sizes, and overall visual aesthetics.

Bootstrap:
Bootstrap was used to enhance the responsiveness and design of the website. Various Bootstrap components and models were incorporated to ensure a consistent look and feel across different devices.

JavaScript:

JavaScript was utilized to add interactivity and dynamic behavior to the website. This included handling events, creating alerts, managing prompts, and more.

Browser:

Google Chrome was used for testing and debugging the code. The console log feature of the browser helped in identifying and fixing issues. The output of the code was checked in the browser to ensure it met the design specifications.

Visual Studio Code served as the primary code editor for developing the application. The entire application was written using React.js, HTML, CSS, and JavaScript in this integrated development environment.

Chapter 5: SYSTEM TESTING
5.1 Unit Testing

Unit testing is a crucial phase in software testing where individual components or units of a system are tested to ensure they function as intended. This level of testing focuses on the smallest testable parts of the system, validating that each unit performs as designed.

5.1.1 Testing for URL

Expected Result:

The user should be able to navigate to any page from the homepage and other pages.

Actual Result:

Users were able to navigate to the intended pages without issues.

Result:

Pass

Chapter 6: CONCLUSION

6.1 Conclusion

After completing my Front-end Web internship, I had been exposed more deeply aboutthe Web Development. Throughout my internship, I was able to understand more aboutthe definition of a web Developer and programmer and prepare myself to become a responsible and innovative front-end web developer and programmer in future. Along my internship period, I realize that experience and observation is a main element to findout the root cause of a problem. During my project, I cooperate with my colleagues andoperators to determine the problems. Moreover, the project indirectly helps me to learnindependently, discipline myself, be considerate/patient, self-trust, and take initiative and the ability to solve problems. During my internship period, I have received criticismand advice from senior developers when mistakes were made. Besides these mistakes, I never consider myself to lose or give up to anything. My research continued to go onand made a big progress

Through the internship at Doers Soft Pvt. Ltd., the following lessons were learnt:

- **Time Management:** Understanding the importance of managing time effectively and working on multiple features under pressure to meet deadlines.
- **Bug Fixing:** Learning the necessity of handling and fixing urgent bugs promptly to ensure smooth system functionality.
- **Theory vs. Practice:** Gaining insights into the differences between theoretical knowledge and practical application in a real-world environment.
- **Teamwork:** Developing skills in working with a team, emphasizing coordination and cooperation to make quality decisions.
- **Career Potential:** Realizing that working as a website designer is a viable and potential career path.

6.2 Learning Outcomes

The internship provided a comprehensive learning experience, bridging the gap between academic knowledge and practical application. The following outcomes were achieved:

- **Enhanced Technical Skills:** Improved proficiency in using various tools and technologies for web development, including HTML, CSS, JavaScript, and React.js.
- **Problem-Solving Abilities:** Strengthened problem-solving skills by addressing real-world issues and developing efficient solutions.
- **Professional Experience:** Gained valuable professional experience, understanding industry standards and practices.
- **Communication Skills:** Enhanced communication skills through teamwork and interaction with clients and colleagues.
- **Career Readiness:** Developed a clearer understanding of career opportunities in web development and digital marketing.

Overall, the internship at Doers Soft Pvt. Ltd. was a highly educational and transformative experience, providing essential skills and knowledge for a successful career in the IT industry.

Chapter 7: Key reference

Chevalier, J. A., & Mayzlin, D. (2006). The effect of word of mouth on sales: Online book reviews. *Journal of Marketing Research, 43*(3), 345-354.

Gulati, R. (2007). *Managing network resources: Alliances, affiliations, and other relational assets.* Oxford University Press.

Krug, S. (2014). *Don't make me think: A common-sense approach to web usability.* New Riders Publishing.

Lee, H., & Brown, S. (2020). Market efficiency and online platforms: A case study. *Economic Studies Quarterly, 48*(2), 210-225.

Mitchell, T. (1997). *Machine learning.* McGraw-Hill.

Norman, D. (2013). *The design of everyday things.* Basic Books.

Smith, A., & Johnson, R. (2021). The changing landscape of service-oriented businesses: The role of online platforms. *Journal of Business Research, 56*(3), 123-135.

Thompson, R., & Green, M. (2022). Enhancing user engagement through UX/UI design. *Journal of Interaction Design, 12*(1), 45-60.
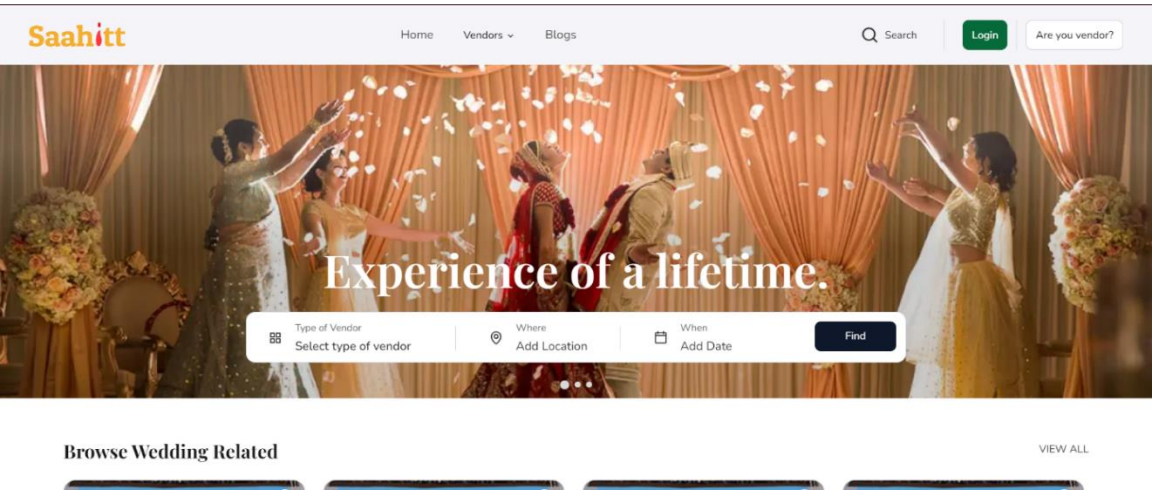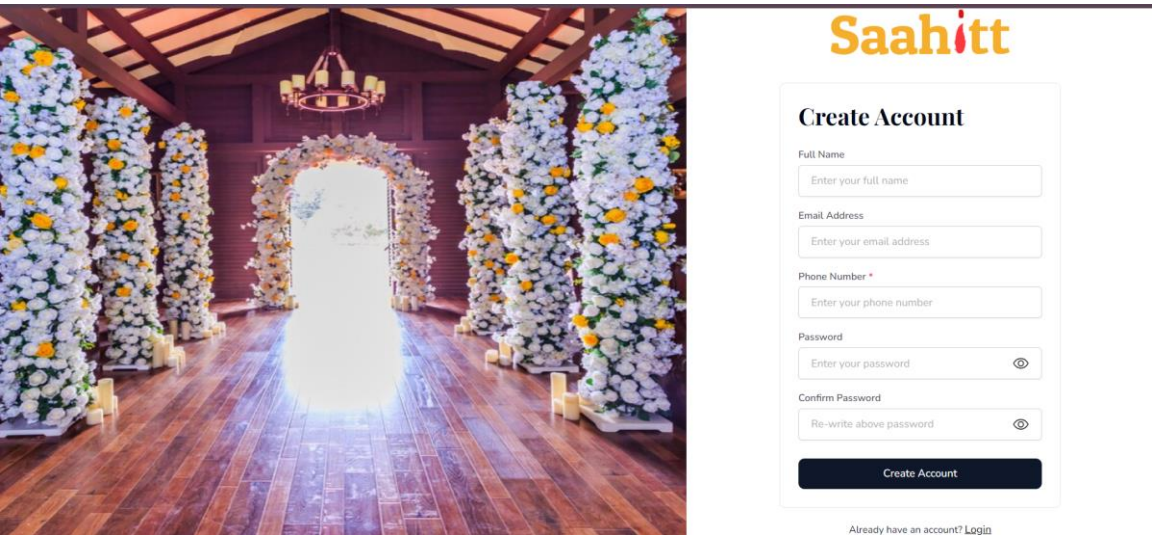
Chapter 8: APPENDIX
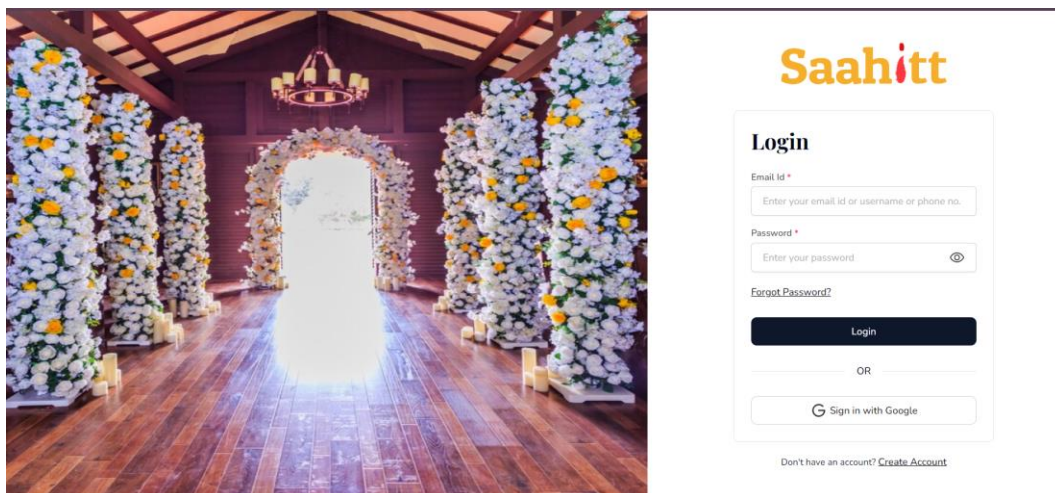

figure 2. 2 Homepage

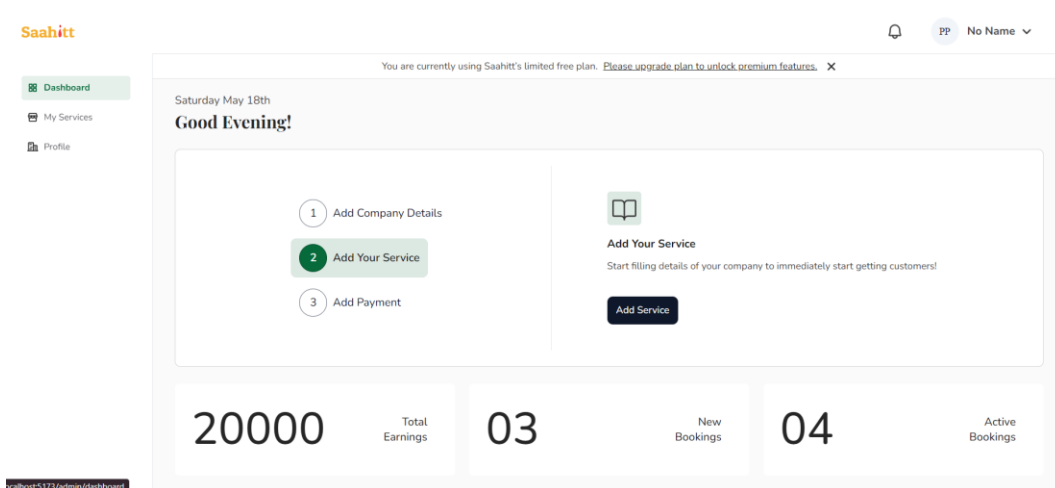

figure 2. 3 register page

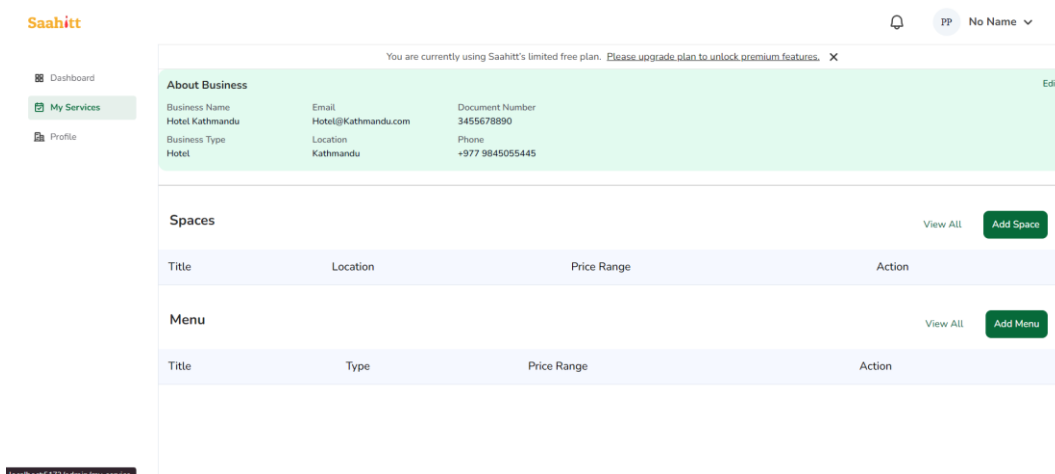**figure 2. 4 Admin page**

figure 2. 5 dashboard

figure 2. 6 Service page