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|  | **SRI KRISHNA COLLEGE OF TECHNOLOGY**  **An Autonomous Institution | Accredited by NAAC with 'A' Grade**  **Affiliated to Anna University | Approved by AICTE**  **KOVAIPUDUR, COIMBATORE 641042** |  |

#### AGRITECH

**ADVANCED APPLICATION**

**A PROJECT REPORT**

***Submitted by***

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***in partial fulfilment for the award of the degree***

Of

#### BACHELOR OF TECHNOLOGY

**IN**

**INFORMATION TECHNOLOGY**

**MARCH- 2024**

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| --- | --- | --- |
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**BONAFIED CERTIFICATE**

Certified that this project report “**BIRTHDAY BASH ORGANIZER**” is the Bonafide work of “**ARCHANA V, DHRISHA KRISHNA R, HARISH KUMAR A V”** who carried out the project work under my supervision.

|  |  |  |
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**INTERNAL EXAMINER EXTERNAL EXAMINER**

**ACKNOWLEDGEMENT**

Dedicating this project to the **ALMIGHTY GOD** whose abundant grace and mercies enabled its successful completion.

We extend our deep gratitude to our beloved Principal, **Dr.M.G.Sumithra,** for her kindness and unwavering support throughout the project work.

We would like to express our deep gratitude to**Dr.J.Shanthini,** Head of Computer Science **and Dr.S.Siamala devi,** Head of Information technology, for their exceptional dedication and care towards success of this project.

We would like to extend our heartfelt gratitude to our Project guide **Ms.S.Madumidha,** Assistant Professor, Department of Information technologyand Industry Mentor **Mr.K.Karthik**, Skill Development Engineer for their valuable guidance and suggestions in all aspects that aided us to ameliorate our skills.

We are thankful to all those who have directly and indirectly extended their help to us in completing this project work successfully.

.

**ABSTRACT**

Birthday Bash Organizer" is a comprehensive full-stack birthday event management system designed to streamline the planning and execution of birthday celebrations. This platform offers a range of features tailored to meet the diverse needs of both event organizers and participants. From concept ideation to post-event evaluation, Birthday Bash Organizer provides a seamless experience for organizing and attending birthday parties. At its core, Birthday Bash Organizer facilitates efficient event planning by offering tools for theme selection, venue booking, guest list management, and budget tracking. Event organizers can explore a wide array of birthday themes, ranging from classic to trendy, and seamlessly coordinate with vendors to bring these themes to life. The platform simplifies the venue selection process by providing detailed venue listings, including capacity, amenities, and pricing, allowing organizers to find the perfect location for their celebration. Furthermore, Birthday Bash Organizer prioritizes guest engagement and interaction through intuitive features such as RSVP management, personalized invitations, and interactive event timelines. Participants can easily RSVP to events, view event details, and communicate with organizers and fellow guests, fostering a sense of community and excitement leading up to the celebration.In summary, Birthday Bash Organizer revolutionizes the birthday event management process by offering a comprehensive suite of tools and features tailored to the needs of modern organizers and participants. Whether planning an intimate gathering or a large-scale extravaganza, this platform empowers users to create unforgettable birthday experiences with ease and efficiency.

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**LIST OF ABBREVIATIONS**

|  |  |
| --- | --- |
| **ABBREVIATIVE** | **ABBERVIATION** |
| JS | JavaScript |
| HTML | Hypertext Markup Language |
| CSS | Cascading Style Sheet |
| Info | Information |
| DOB | Date of Birth |
| API | Application Programming Interface |
| JSON | JavaScript Object Notation |

**CHAPTER 1**

**INTRODUCTION**

Planning a birthday bash is an art that requires meticulous organization and creativity to ensure a memorable celebration. As a Birthday Bash Organizer, the primary goal is to bring to life the vision of the individual celebrating their special day, whether it's a milestone event or an intimate gathering. The journey begins with understanding the client's preferences, from theme and venue selection to catering and entertainment choices. Communication is key at every step, ensuring that the client's desires are translated into a seamless event experience.

First and foremost, establishing a rapport with the client is essential. By fostering open communication, you gain insights into their personality, preferences, and expectations for the celebration. This allows you to tailor the event to reflect their unique style and tastes, whether they prefer an extravagant affair or a more intimate gathering with close friends and family. From there, meticulous planning comes into play, coordinating every aspect of the event from invitations and decorations to food and entertainment.

Creativity is the hallmark of a successful Birthday Bash Organizer. It's about thinking outside the box to bring innovative ideas to the table that will leave a lasting impression on the guests. Whether it's incorporating personalized touches or surprise elements, the goal is to exceed expectations and create moments that will be cherished for years to come. Additionally, attention to detail is paramount, ensuring that every aspect of the event is flawlessly executed, from the timing of activities to the coordination of vendors.

Finally, flexibility is key in the world of event planning. Despite meticulous planning, unforeseen circumstances may arise, requiring quick thinking and adaptability to ensure that the celebration proceeds smoothly. By staying calm under pressure and thinking on your feet, you can navigate any challenges that may arise, ensuring that the birthday bash is a resounding success. In the end, being a Birthday Bash Organizer is not just about planning an event—it's about creating magical moments that will be treasured for a lifetime.

* 1. **PROBLEM STATEMENT**

The problem is the lack of convenient online tools for planning and organizing birthday events. Our solution is to develop an efficient platform that simplifies the process, enabling users to arrange memorable celebrations with ease.

* 1. **OVERVIEW**

The birthday event was a jubilant celebration filled with joy, laughter, and heartfelt moments. Friends and family gathered together to commemorate the special day, creating an atmosphere brimming with warmth and affection. Decorations adorned the venue, adding a festive touch to the occasion, while delicious food and drinks tantalized the taste buds of all attendees. The highlight of the event was undoubtedly the moment when the birthday honoree was showered with love and well-wishes, surrounded by loved ones eager to share in their happiness.

From lively conversations to nostalgic anecdotes, the event was a testament to the bonds of friendship and the importance of cherishing life's milestones. As the festivities came to a close, memories were made that would be cherished for years to come, serving as a reminder of the beauty of celebrating life and the precious moments shared with those closest to us.

* 1. **OBJECTIVE**

The objective of a birthday event is multifaceted, encompassing elements of celebration, reflection, and connection. At its core, it serves as a commemoration of the individual's journey through life, marking the passage of time and acknowledging milestones achieved along the way. This occasion provides an opportunity for friends and family to come together, rejoicing in the presence of the birthday person and expressing gratitude for their existence. It's a time to celebrate not just the day of birth but also the experiences, memories, and relationships that have shaped the person's life.

Beyond mere revelry, a birthday event seeks to foster deeper connections among attendees, strengthening bonds and reaffirming the importance of community and support. Whether through shared laughter, heartfelt conversations, or meaningful gestures, the gathering facilitates moments of intimacy and camaraderie. It serves as a reminder of the interconnectedness of lives and the significance of human connection in navigating the complexities of existence. In essence, the event aims to create a space where love, joy, and appreciation can flourish, enriching the lives of all involved.

Finally, the objective of a birthday event extends beyond the immediate festivities, leaving a lasting impact on all involved. It's about creating memories that endure, moments of joy and connection that resonate long after the candles have been blown out and the decorations taken down. These memories serve as a source of comfort, inspiration, and strength, serving to remind us of the love and support that surround us on our journey through life. Ultimately, the objective of a birthday event is to infuse the day with meaning and significance, honoring the individual's past, celebrating their present, and heralding their future with hope and optimism endeavors.

**CHAPTER 2**

**SYSTEM ARCHITECTURE**

The Agritechsystem follows a modern and scalable three-tier architecture. It consists of the frontend layer, backend layer, and the database layer. Each layer plays a crucial role in the system's overall functionality and ensures smooth communication and data management.

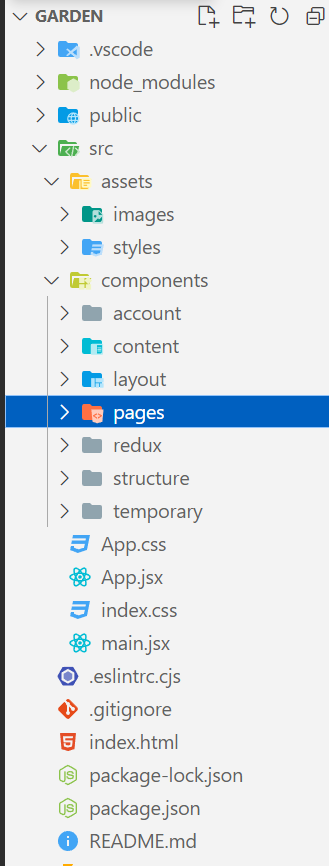
**2.1 FRONTEND**

The frontend layer is developed using React, a popular JavaScript library for building user interfaces. React enables the creation of interactive and responsive components, making it easier for users to navigate through the Plant Garden system. The frontend communicates with the backend through API calls to perform various operations such as fetching plant data, updating plant details, and handling user authentication.

**2.2REACT**

React is a popular JavaScript library for building user interfaces. It follows a component-based architecture, where the UI is divided into reusable and independent components. React allows developers to create dynamic and interactive UI elements efficiently.

1. **Components:** The frontend of the PerfectGarden system consists of various components that are responsible for different functionalities and visual elements. Examples of components include:
2. **Plant List Component:** Displays a list of plants with their details, such as title, author, and category.
3. **Plant Detail Component:** Shows detailed information about a specific plant, including its cover image, description, and rating.
4. **Search Component:** Provides a search bar where users can search for plants based on specific criteria.
5. **Form Components:** Allow users to add, update, or delete plants from the library by filling out forms.

****

**Fig 2.1 VS Code**

Figure 2.1 explains Visual Studio Code, also commonly referred to as VS Code, is a source-code editor made by Microsoft with the Electron Framework, for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.Simple React Snippets is a simple, yet extremely useful VS Code extension for React developers.

**HTML/CSS:**

HTML is used to structure the content of the web pages, while CSS is employed for styling and formatting the visual elements. HTML tags define the structure of the page, such as headings, paragraphs, and lists, while CSS rules specify the appearance, layout, and color schemes.

**JavaScript:**

JavaScript adds interactivity and dynamic behavior to the frontend. It is used to handle user actionsand update the UI accordingly. JavaScript also facilitates data retrieval from the backend through API requests.

**Axios:**

Axios is a popular JavaScript library used for making HTTP requests from the browser. It is utilized in the frontend of the Open Library system to communicate with the backend API and retrieve data from the server. For example, when a user searches for a book or adds a new book, Axios is used to send the relevant data to the server and receive the corresponding response.

**State Management:**

React incorporates a state management mechanism that allows components to store and manage their internal state. This enables dynamic rendering of UI elements based on changes in data or user interactions. State management libraries like Redux or React Context API may be used to manage application-wide state and facilitate data flow between components.

**Responsive Design:**

The frontend of the Open Library system is designed to be responsive, meaning it adapts and scales seamlessly across different devices and screen sizes. This ensures that users can access and interact with the application from various devices, such as desktops, tablets, or smartphones.

**CHAPTER 3**

**LITERATURE SURVEY**

**3.1 Related Works**

[1] The Role of Agricultural Finance in Rural Development" by A. G. Bello and E. S. Odunuga (2019):

This paper explores the significance of agricultural finance in driving rural development. It discusses the challenges faced by farmers in accessing financial services and emphasizes the importance of innovative solutions such as digital platforms like AgriLoan in improving financial inclusion and promoting sustainable agricultural practices.

[2] "Digital Transformation in Agricultural Finance: A Review" by K. S. Rajashekarappa and A. P. Balakrishna (2020):

This review article examines the digital transformation in agricultural finance, focusing on the emergence of online platforms and mobile applications. It discusses the potential of these digital tools in enhancing efficiency, transparency, and accessibility in agricultural lending, citing examples like AgriLoan as promising innovations in the field.

[3] "Innovations in Agricultural Finance: A Review of Recent Trends and Developments" by M. K. Osei and C. A. Boadi (2021):

This review provides insights into recent trends and innovations in agricultural finance. It discusses the role of technology in revolutionizing lending practices and highlights the importance of platforms like AgriLoan in providing tailored financial solutions to farmers. The paper also examines challenges and opportunities in the adoption of digital agricultural finance solutions.

[4] "The Impact of Digital Platforms on Agricultural Finance: Evidence from Developing Countries" by N. A. Onuoha and O. O. Adekunle (2020):

This study investigates the impact of digital platforms on agricultural finance in developing countries. It assesses the effectiveness of platforms like AgriLoan in improving access to credit, enhancing financial literacy, and promoting agricultural productivity. The paper offers valuable insights into the potential of digital solutions in transforming agricultural finance landscapes.

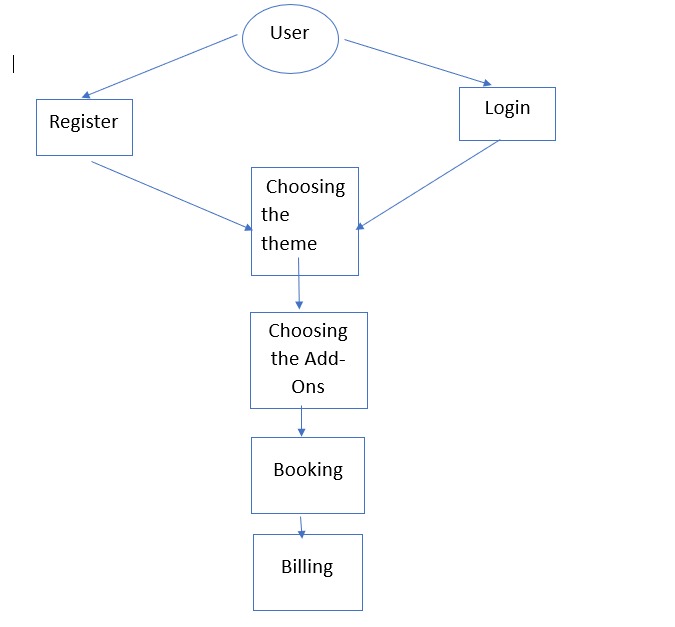
[5]"Promoting Sustainable Agriculture through Innovative Financing Mechanisms" by L. T. Awoyemi and O. M. Olomola (2018):

This paper explores innovative financing mechanisms for promoting sustainable agriculture. It discusses the role of digital platforms in incentivizing investments in sustainable farming practices and improving access to finance for smallholder farmers. The study highlights platforms like AgriLoan as catalysts for driving sustainability in agricultural finance.

**CHAPTER 4**

**FUNCTIONALITY**

PerfectGarden offers a wide range of functionality to make gardening more accessible, enjoyable, and successful for users of all levels



**Fig 4.1 Flow chart**

**4.1 LOGIN**

A login page is a crucial component of any website or application that requires user authentication. Its primary purpose is to verify the user's identity and grant access to restricted content or features. The login page typically includes fields for the user to enter their username/email and password.

**4.2 REGISTER**

A register page, also known as a sign-up page, is an essential component of websites or applications that require user registration. Its primary purpose is to collect user information and create a new account for accessing the platform.

The register page typically includes fields for users to enter their personal details, such as username, email address, password, and any additional required information. Users may also be asked to confirm their password to ensure accuracy.

**4.3MANAGE THEME:**

Managing the theme for a birthday bash event requires meticulous attention to detail and creative vision to ensure a cohesive and immersive experience. The first step in this process is selecting the right theme, which should resonate with the personality and interests of the guest of honor. Whether it's a whimsical fairy tale theme for a child's party or a sophisticated vintage theme for an adult celebration, the chosen theme sets the tone for the entire event. Once the theme is established, the next step is to develop it into a comprehensive concept, considering factors such as décor, ambiance, activities, and entertainment. This involves brainstorming ideas, sourcing or creating themed decorations, and coordinating elements to create a visually stunning and immersive environment.

**4.4ADD THEME**

Introducing a theme to a birthday bash event is an exciting opportunity to infuse creativity and personality into the celebration. The first step in adding a theme is to consider the preferences and interests of the birthday celebrant, as well as the demographic and preferences of the guests. Once a theme is selected, whether it's a tropical luau, a glamorous Hollywood soirée, or a retro '80s party, it sets the stage for all aspects of the event. From décor and ambiance to food and entertainment, every element of the celebration can be tailored to reflect and enhance the chosen theme.

**4.5 UPDATE THEME**

Refreshing the theme for a birthday bash event offers an opportunity to inject novelty and excitement into the celebration. Start by evaluating the previous theme and considering any changes in the guest of honor's interests or preferences since the last event. Once you've identified a new theme, whether it's a modern twist on a classic theme or an entirely new concept altogether, begin by updating the décor, ambiance, and overall aesthetic to reflect the new theme.

This might involve repurposing existing decorations, sourcing new themed elements, and incorporating fresh color schemes and design elements. Additionally, consider updating activities and entertainment to align with the new theme, ensuring that guests are fully immersed in the refreshed experience.

**4.6 REMOVE THEME**

Opting to remove the theme from a birthday bash event provides an opportunity for a more versatile and adaptable celebration. Start by communicating with the guest of honor to ensure they're comfortable with the idea of a theme-less event and discuss any preferences they may have regarding the atmosphere and activities. Once the decision is made to forego a specific theme, focus on creating a cohesive and elegant aesthetic that reflects the guest of honor's personality and preferences.

This might involve choosing a neutral color palette, incorporating timeless décor elements, and prioritizing personal touches such as photos, memorabilia, or favorite foods. By removing the constraints of a specific theme, organizers can create a more relaxed and inclusive atmosphere where guests can enjoy each other's company and celebrate the guest of honor in a truly authentic and meaningful way.

**4.7 MANAGE USER**

Managing user accounts is pivotal for maintaining security and facilitating a seamless borrowing experience. Administrators possess the authority to create, modify, and remove user accounts as required, ensuring the platform's integrity.

Stringent security measures are implemented to safeguard user data, preserving confidentiality and trust.Furthermore, AgriLoan provides personalized user profiles, empowering borrowers to customize their preferences and access their loan history effortlessly. This level of account management grants users autonomy over their AgriLoan experience, fostering a tailored and user-centric journey in agricultural financing.

**4.8BOOK EVENT**

Booking an event entails a series of steps to secure the necessary components for a successful celebration. Begin by identifying the key requirements of the event, including the date, time, location, and estimated number of guests. With this information in hand, research and select suitable venues that align with the event's theme, budget, and logistical needs. Once a venue is chosen, confirm availability and negotiate terms such as rental fees, amenities, and any additional services required.

Finally, make any necessary arrangements for guest accommodations, transportation, and other ancillary services to enhance the overall guest experience. By carefully managing the booking process and staying organized and proactive, organizers can ensure a seamless and memorable event that exceeds expectations.

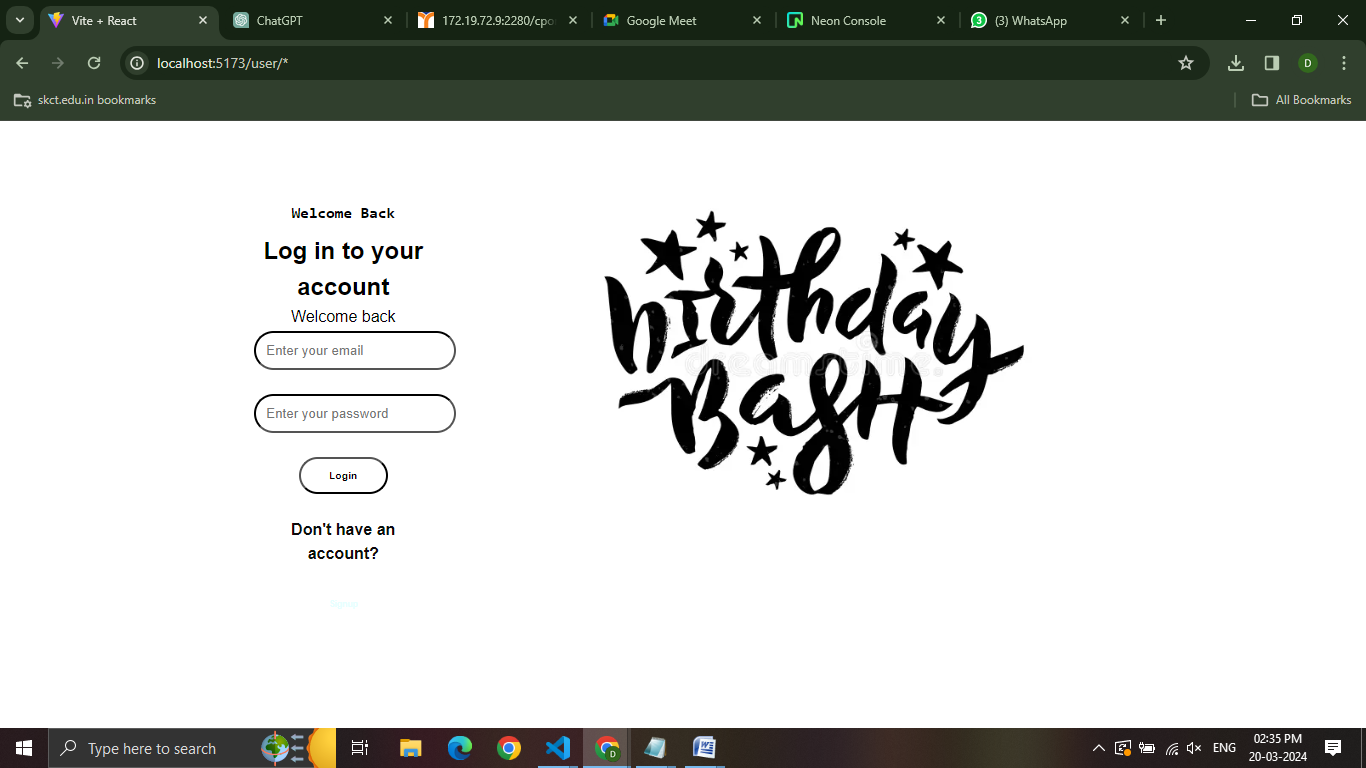
**CHAPTER 5**

**SYSTEM DESIGN AND ANALYSIS**

The frontend design of BirthdayBash focuses on delivering a user-friendly and intuitive interface for borrowers and administrators. Developed using modern web technologies like React.js or Angular, the frontend ensures responsiveness and cross-browser compatibility. Borrowers can easily navigate through the loan application process, with clear and concise forms for submitting loan requests. Administrators have access to a comprehensive dashboard where they can manage loan products, review applications, and communicate with borrowers efficiently.

The frontend design prioritizes accessibility, ensuring that users with varying levels of technical proficiency can interact with the platform seamlessly. User experience (UX) principles are incorporated to streamline workflows and enhance usability, allowing borrowers and administrators to accomplish tasks quickly and efficiently. Overall, the frontend design of AgriLoan aims to provide a visually appealing, user-centric interface that enhances the overall borrowing experience for agricultural stakeholders.

**5.1LOGIN**

****

**Fig 5.1 Login page**

Figure 5.1 explains A login page is a crucial component of any website or application that requires user authentication. Its primary purpose is to verify the user's identity and grant access to restricted content or features.

**Code:**

import React, { useState } from 'react';

import { Link, useNavigate } from 'react-router-dom';

import '../../assets/css/Login.css';

import { useDispatch } from 'react-redux';

import { login } from '../../components/Redux/userSlice';

function Login() {

const [email, setEmail] = useState('');

const [password, setPassword] = useState('');

const [errors, setErrors] = useState({});

const nav = useNavigate();

const dispatch = useDispatch();

const handleSubmit = (e) => {

e.preventDefault();

const validationErrors = {};

if (!email.trim()) {

validationErrors.email = 'Email is required';

} else if (!/\S+@\S+\.\S+/.test(email)) {

validationErrors.email = 'Email is not valid';

}

if (!password.trim()) {

validationErrors.password = 'Password is required';

} else if (password.length< 6 || password.length> 15) {

validationErrors.password = 'Password should be between 6 and 15 characters';

} else if (email === 'jeya@gmail.com' && password === 'jeya@12') {

nav('/admin'); // Redirect to admin route if credentials match

return;

}

setErrors(validationErrors);

if (Object.keys(validationErrors).length === 0) {

dispatch(login(email));

nav('/home');

}

};

return (

<div className="wrapper bg1">

<div className="container" id="main1">

<div className="row" id="login1">

<div className="col-md-6 right1">

<div className="input-box1">

<header className="header1">Create account</header>

<div className="input-field1">

<input

type="email"

className="input1"

value={email}

onChange={(e) =>setEmail(e.target.value)}

placeholder="Email"

/>

<h6 className="error1">{errors.email&&<span>{errors.email}</span>}</h6>

</div>

<div className="input-field1">

<input

type="password"

className="input1"

value={password}

onChange={(e) =>setPassword(e.target.value)}

placeholder="Password"

/>

<h6 className="error1">{errors.password&&<span>{errors.password}</span>}</h6>

</div>

<div className="input-field1">

<input type="submit" onClick={handleSubmit} className="submit1" value="Sign In" />

</div>

<div className="signin1">

<h6>

No account? <Link to="/signup">Sign Up here</Link>

</h6>

</div>

</div>

</div>

</div>

</div>

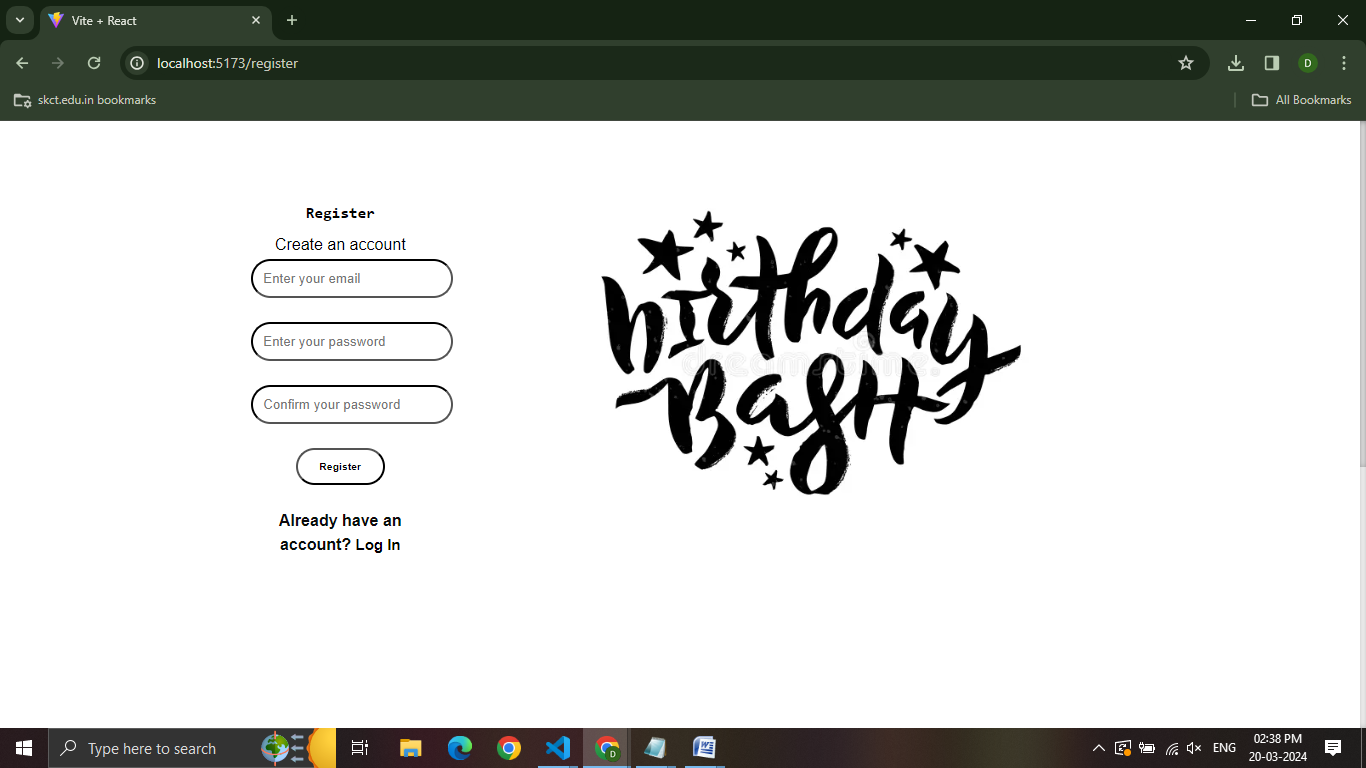
</div>

);

}

export default Login;

**5.2 REGISTER**

****

**Fig 5.2 Register page**

Figure 5.2 explains A register page, also known as a sign-up page, is an essential component of websites or applications that require user registration. Its primary purpose is to collect user information and create a new account for accessing the platform.

**Code:**

import React, { useState } from 'react';

import { useNavigate } from 'react-router-dom';

import { Link } from 'react-router-dom';

import '../../assets/css/Signup.css'

function Signup() {

const [userName, setName] = useState('');

const [email, setEmail] = useState('');

const [password, setPassword] = useState('');

const [confirmPassword, setConfirmPassword] = useState('');

const [errors, setErrors] = useState({});

const nav=useNavigate();

const details={userName,email,password};

const handleSubmit = (e) => {

e.preventDefault();

console.log(details);

const validationErrors = {};

if (!userName.trim()) {

validationErrors.userName = "Username is required";

}

if (!email.trim()) {

validationErrors.email = "Email is required";

}

else if (!/\S+@\S+\.\S+/.test(email)) {

validationErrors.email = "Email is not valid";

}

if (!password.trim()) {

validationErrors.password = "Password is required";

}

else if (password.length< 6) {

validationErrors.password = "Password should be at least 6 characters";

}

if (confirmPassword !== password) {

validationErrors.confirmPassword = "Passwords do not match";

}

setErrors(validationErrors);

if (Object.keys(validationErrors).length === 0) {

nav('/login') ;

}

};

return (

<div className='wrapper bg2'>

<div className='container' id='main2'>

<div className='row' id="signup2">

<div className='col-md-6 right2'>

<div className='input-box2'>

<header className='header2'>Sign Up</header>

<div className='input-field2'>

<input

type="text"

className='input2'

value={userName}

onChange={(e) =>setName(e.target.value)}

placeholder="Username"

/>

<h6 className='error2'>{errors.userName&&<span>{errors.userName}</span>}</h6>

</div>

<div className='input-field2'>

<input

type="email"

className='input2'

value={email}

onChange={(e) =>setEmail(e.target.value)}

placeholder="Email"

/>

<h6 className='error2'>{errors.email&&<span>{errors.email}</span>}</h6>

</div>

<div className='input-field2'>

<input

type="password"

className='input2'

value={password}

onChange={(e) =>setPassword(e.target.value)}

placeholder="Password"

/>

<h6 className='error2'>{errors.password&&<span>{errors.password}</span>}</h6>

</div>

<div className='input-field2'>

<input

type="password"

className='input2'

value={confirmPassword}

onChange={(e) =>setConfirmPassword(e.target.value)}

placeholder="Confirm Password"

/>

<h6 className='error2'>{errors.confirmPassword&&<span>{errors.confirmPassword}</span>}</h6>

</div>

<div className='input-field2'>

<input type='submit' onClick={handleSubmit} className='submit2' value="Sign Up"/>

</div>

<div className='signin2'>

<h6>Already have aaccount ?<Link to="/login">Log in here</Link></h6>

</div>

</div>

</div>

</div>

</div>

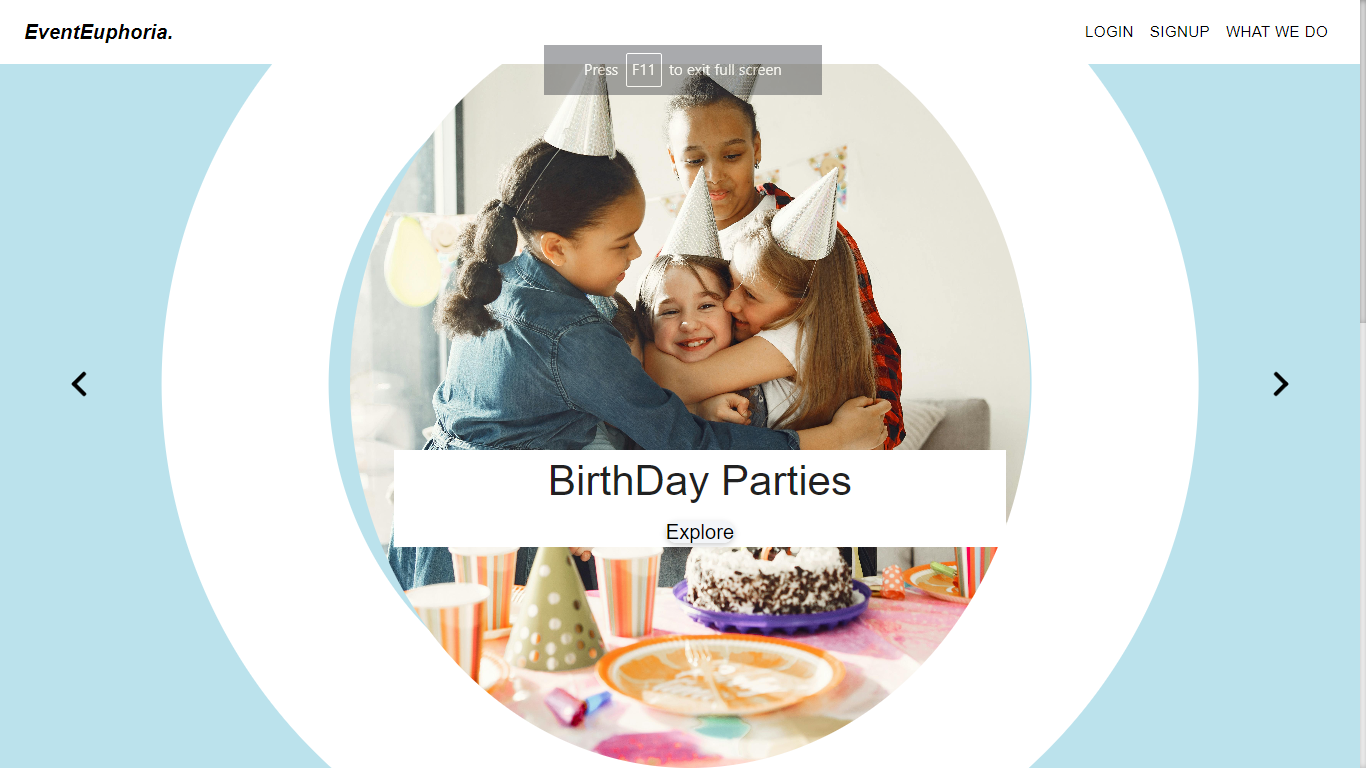
</div>

)

}

export default Signup;

**5.3 HOME PAGE**

****

**Fig 5.3 Home page**

**Code:**

import React from 'react';

import { Header } from './Header';

import "../../assets/css/Home.css"

import { Link } from 'react-router-dom';

class Home extends React.Component {

render() {

return (

<div>

<Header/>

<section className="slider\_\_area">

<div className="container-fluid">

<div className="row">

<div className="col-xl-12 slider\_\_area\_\_content\_\_wrap">

<div className="slider\_\_area\_\_content">

<h6>Investing in Agriculture</h6>

<h1>Empowering Farmers with Financial Solutions</h1>

<p className="lead">Access affordable loans for agricultural expansion and sustainability. Grow your farm, grow your future.</p>

<a className="btnbtn-primary my-3"><Link to="/loanpage" style={{textDecoration:"none"}}>Apply Loan</Link></a>

</div>

</div>

</div>

</div>

</section>

<section className="icon\_\_area">

<div className="container">

<div className="row">

<div className="col-xl-12 icon\_\_area--border">

<ul>

<li><img src="https://templates.envytheme.com/finix/default/assets/img/partner/image1.png" alt="" /></li>

<li><img src="https://templates.envytheme.com/finix/default/assets/img/partner/image2.png" alt="" /></li>

<li><img src="https://templates.envytheme.com/finix/default/assets/img/partner/image4.png" alt="" /></li>

<li><img src="https://templates.envytheme.com/finix/default/assets/img/partner/image5.png" alt="" /></li>

</ul>

</div>

</div>

</div>

</section>

<section className="about\_\_area py-5 mb-4 mt-5">

<div className="container">

<div className="row">

<div className="col-xl-6 col-lg-6 col-md-6 mb-sm-5">

<div className="about\_\_area\_\_img">

<div className="about\_\_area\_\_img1">

<img src="https://templates.envytheme.com/finix/default/assets/img/about/image3.png" alt="" />

</div>

<div className="about\_\_area\_\_img2">

<div className="about\_\_area\_\_img2\_\_inner">

<h2>25</h2>

<span>Years Of Experience</span>

</div>

</div>

</div>

</div>

<div className="col-xl-6 col-lg-6 col-md-6">

<div className="finix\_\_text ms-2 ">

<h6>About Our Agricultural Loan Services</h6>

<h2>Partnering with Farmers for Sustainable Growth</h2>

<p>At Agriculture Loan Co., we've been dedicated to supporting farmers with financing for over 25 years. Our loans are tailored to help you expand your farm, invest in new equipment, and adopt sustainable practices.</p>

<strong>In agriculture, we focus on:</strong>

<ul>

<li>Flexible loan options</li>

<li>Expert advice</li>

<li>Commitment to sustainability</li>

</ul>

<a href="#" className="btnbtn-primary my-2">Learn More</a>

</div>

</div>

</div>

</div>

</section>

<section className="Choose\_\_areamainbg py-5">

<div className="container-fluid">

<div className="row my-4">

<div className="col-xl-6 col-lg-6 mb-md-5 mb-sm-5 text-md-center">

<div className="finix\_\_text text-md-center text-sm-center me-5">

<h6>Transparent Process</h6>

<h1>Why Choose Our Agriculture Loans?</h1>

<p>Discover why farmers trust us for their financial needs. We provide transparent processes, competitive rates, and dedicated support to help you succeed in agriculture.</p>

<img src="https://templates.envytheme.com/finix/default/assets/img/choose.png" alt="" />

<div className="choose\_\_area\_\_box\_\_btn">

<a href="https://www.youtube.com/watch?v=gN8uPQzi7Xc&pp=ygUlYWdyaWN1bHR1cmUgbG9hbiBhcHBseSB2ZWRpbyBpbiB0YW1pbA%3D%3D"><i className="fas fa-play-circle"></i></a>

</div>

</div>

</div>

<div className="col-xl-6 col-lg-6 mt-md-5 mt-sm-5">

<div className="row ms-2 mb-3">

<div className="col-lg-6 col-md-6 text-center mb-4 mt-3">

<div className="choose\_\_area\_\_box\_\_item">

<span><iclassName="fab fa-fonticons-fi"></i></span>

<h2>Flexible Options</h2>

<p>Customize your loan to fit your farming needs. Whether it's for land purchase, equipment, or working capital, we have flexible options to support you.</p>

</div>

</div>

<div className="col-lg-6 col-md-6 text-center mb-4">

<div className="choose\_\_area\_\_box\_\_item ">

<span><iclassName="fas fa-cogs"></i></span>

<h2>Expert Advice</h2>

<p>Benefit from our team's expertise in agriculture finance. We provide personalized advice and guidance to help you make informed financial decisions.</p>

</div>

</div>

</div>

<div className="row ms-2">

<div className="col-lg-6 col-md-6 text-center mb-4">

<div className="choose\_\_area\_\_box\_\_item ">

<span><iclassName="fab fa-cc-discover"></i></span>

<h2>Commitment to Sustainability</h2>

<p>We're committed to supporting sustainable farming practices. Our loans can help you invest in eco-friendly technologies and practices for a greener future.</p>

</div>

</div>

<div className="col-lg-6 col-md-6 text-center choose\_\_area\_\_box\_\_iteml ">

<div className="choose\_\_area\_\_box\_\_item ">

<span><iclassName="fas fa-brain"></i></span>

<h2>Trusted Experience</h2>

<p>With over 25 years of experience, we've earned the trust of farmers across the country. Join the thousands who have benefited from our agricultural loan services.</p>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

</div>

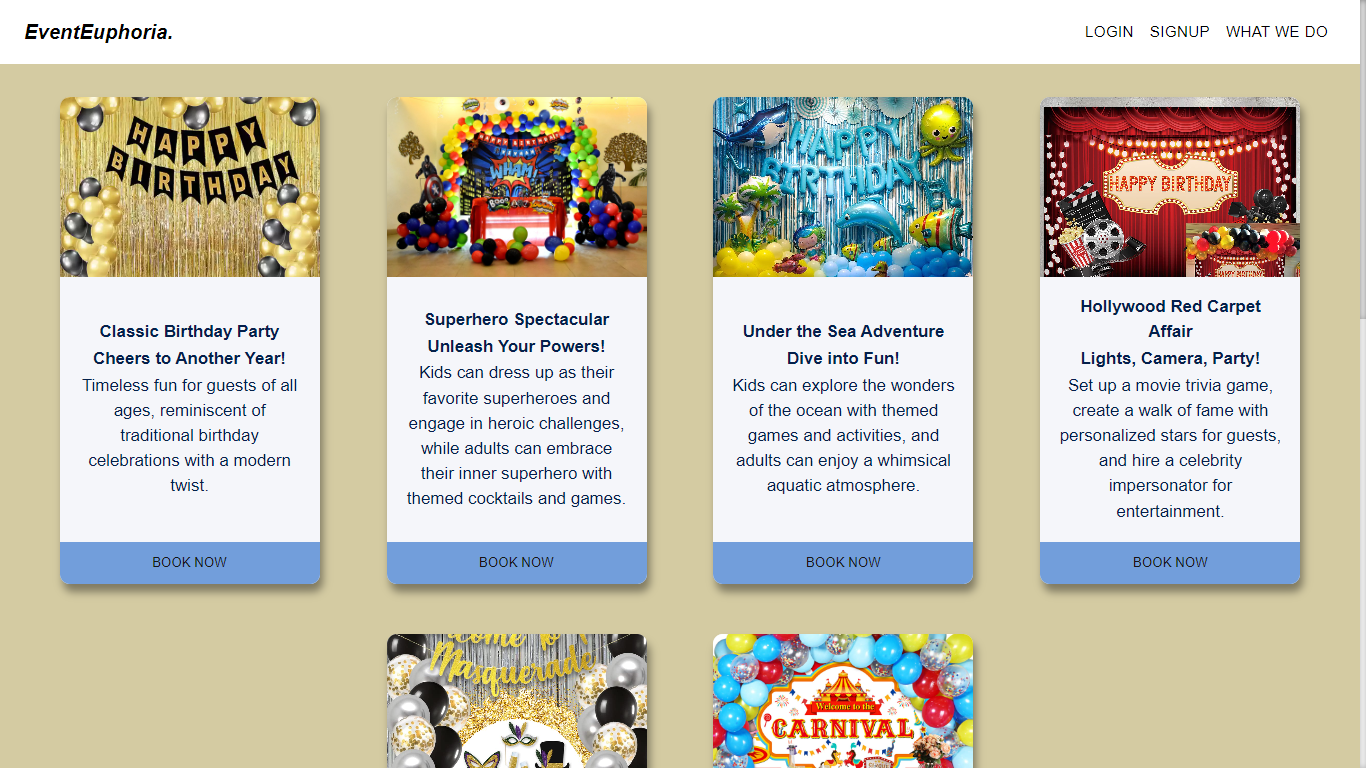
);

}

}

export default Home;

**5.4 THEME PAGE**

****

**Fig 5.4 Loans Page**

**Code:**

import React, { useState } from 'react';

import '../../assets/css/LoanType.css'; // Import CSS file for styling

import { useSelector, useDispatch } from 'react-redux';

import { selectUser } from '../../components/Redux/userSlice';

import { useNavigate } from 'react-router-dom';

const LoanPage = () => {

const loanTypesData = [

{

id: 1,

name: "Equipment Loan",

description: "Loan for purchasing agricultural equipment.",

image: "https://www.adanicapital.in/-/media/Project/AdaniCapital/Farm-Equipments/Tractor-Loan/tractorloan.webp",

eligibility: "Farmers with a minimum of 2 years of farming experience.",

},

{

id: 2,

name: "Crop Loan",

description: "Loan for financing crop production expenses.",

image: "https://i.ndtvimg.com/i/2016-02/agriculture-farm-generic-istock\_650x400\_61455603415.jpg",

eligibility: "Farmers with suitable land and a viable crop plan.",

},

{

id: 3,

name: "Land Purchase Loan",

description: "Loan for buying agricultural land.",

image: "https://www.horizonfc.com/sites/default/files/styles/news\_featured/public/images/blog/Land%20Mortgage%20vs.%20Home%20Mortgage.jpg?h=4e81ff6a&itok=\_Ho7j7tR",

eligibility: "Farmers looking to expand their land holdings.",

},

{

id: 4,

name: "Livestock Loan",

description: "Loan for purchasing livestock.",

image: "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTJMS4wLfueCFGb4J49i3guR1FlwzQNmHuhgA&usqp=CAU",

eligibility: "Farmers engaged in livestock farming.",

},

{

id: 5,

name: "Farm Improvement Loan",

description: "Loan for making improvements to the farm infrastructure.",

image: "https://media.istockphoto.com/id/1221831931/photo/farmer-on-combine-harvester-in-cornfield-during-harvest.jpg?s=612x612&w=0&k=20&c=1riZGLmPvBwVvGEndDSoxZWP0-oU-9h\_swvNub7nkhc=",

eligibility: "Farmers seeking to enhance their farm infrastructure.",

},

{

id: 6,

name: "Working Capital Loan",

description: "Loan for covering day-to-day operating expenses of the farm.",

image: "https://www.smefinanceforum.org/sites/default/files/styles/720x486/public/shutterstock\_1635308305-NL.jpg?itok=CZF9dwkLhttps://www.shutterstock.com/image-photo/farmer-holding-money-bag-on-260nw-1934020754.jpg",

eligibility: "Farmers needing funds for day-to-day operations.",

},

{

id: 7,

name: "Irrigation Loan",

description: "Loan for installing or upgrading irrigation systems.",

image: "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRW0ztoMuiK4ZjP4AkuE0Gy\_Ul7JY14n6SzHw&usqp=CAU",

eligibility: "Farmers looking to improve irrigation facilities.",

},

{

id: 8,

name: "Greenhouse Loan",

description: "Loan for building or expanding greenhouse facilities.",

image: "https://images.pexels.com/photos/2886937/pexels-photo-2886937.jpeg?cs=srgb&dl=pexels-mark-stebnicki-2886937.jpg&fm=jpg",

eligibility: "Farmers interested in greenhouse farming.",

},

{

id: 9,

name: "Organic Farming Loan",

description: "Loan for transitioning to or expanding organic farming practices.",

image: "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRB-ern29G\_DE7J60qqUZkwsHfWXcWEkqvxDA&usqp=CAU",

eligibility: "Farmers transitioning to or expanding organic farming.",

}

];

const dispatch = useDispatch();

const user = useSelector(selectUser);

const email = user.email;

const navigate = useNavigate();

const handleRoute = () => {

if (email) {

navigate('/loanformpage');

} else {

navigate('/error');

}

};

const [loanTypes, setLoanTypes] = useState(loanTypesData);

const [searchQuery, setSearchQuery] = useState('');

const handleSearchChange = (e) => {

setSearchQuery(e.target.value);

const filteredLoans = loanTypesData.filter(loan =>loan.name.toLowerCase().includes(e.target.value.toLowerCase()));

setLoanTypes(filteredLoans);

};

return (

<div className="loan-type-container " >

<h2 style={{ textAlign: 'center' }}>Available Loans</h2>

<input

type="text"

placeholder="Search by loan name... "

value={searchQuery}

onChange={handleSearchChange}

/>

<div className="loan-types">

{loanTypes.map((loan) => (

<div key={loan.id} className="loan-card">

<img src={loan.image} alt={loan.name} />

<h3>{loan.name}</h3>

<p>{loan.description}</p>

<p><strong>Eligibility:</strong> {loan.eligibility}</p>

<button onClick={handleRoute}>Apply Loan</button>

</div>

))}

</div>

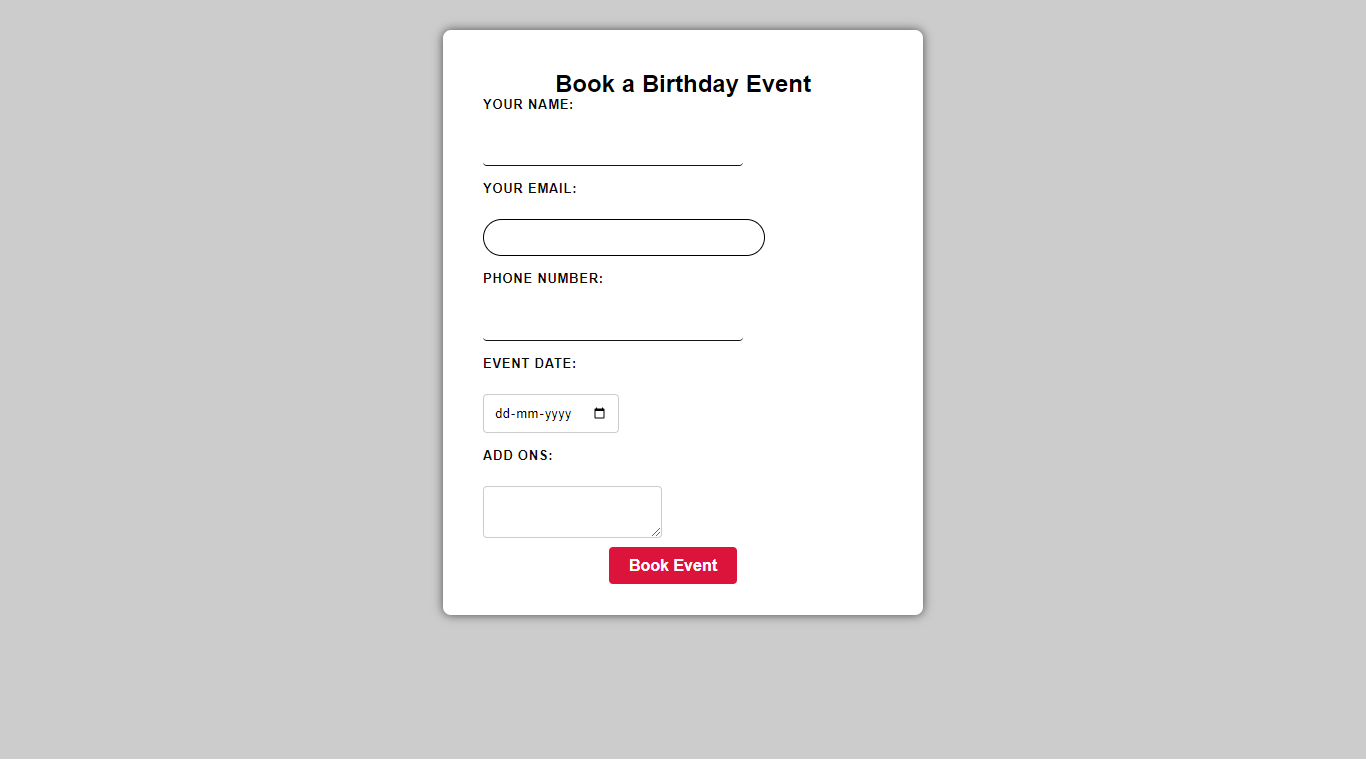
</div>

);

};

export default LoanPage;

**5.5 BOOKINGPAGE**

****

**Fig 5.5 Apply Page**

**Code:**

import React, { useState } from 'react';

import '../../assets/css/Loanform.css';

import { Header } from './Header';

const LoanForm = () => {

const [step, setStep] = useState(1);

const [formData, setFormData] = useState({

name: '',

email: '',

mobileNumber: '',

age: '',

address: '',

adharNumber: '',

panNumber: '',

monthlyIncome: '',

loanAmount: '',

loanDuration: '',

loanPurpose: '',

idProof: '',

loanType: '', // Added loanType field

});

const handleChange = (e) => {

const { name, value } = e.target;

setFormData({ ...formData, [name]: value });

};

const nextStep = () => {

setStep(step + 1);

};

const prevStep = () => {

setStep(step - 1);

};

const handleSubmit = (e) => {

e.preventDefault();

// Handle form submission

console.log('Form submitted:', formData);

};

const confirmDetails = () => {

nextStep();

};

const Step1 = (

<div className="step">

<h2>Step 1: Personal Information</h2>

<input type="text" name="name" value={formData.name} onChange={handleChange} placeholder="Name" required />

<input type="email" name="email" value={formData.email} onChange={handleChange} placeholder="Email" required />

<input type="tel" name="mobileNumber" value={formData.mobileNumber} onChange={handleChange} placeholder="Mobile Number" required />

<input type="number" name="dob" value={formData.dob} onChange={handleChange} placeholder="Date of Birth" required />

<input type="text" name="address" value={formData.address} onChange={handleChange} placeholder="Address" required />

<button onClick={nextStep}>Next</button>

</div>

);

const Step2 = (

<div className="step">

<h2>Step 2: Document Information</h2>

<input type="text" name="adharNumber" value={formData.adharNumber} onChange={handleChange} placeholder="Aadhar Number" required />

<input type="text" name="panNumber" value={formData.panNumber} onChange={handleChange} placeholder="PAN Number" required />

<input type="text" name="monthlyIncome" value={formData.monthlyIncome} onChange={handleChange} placeholder="Monthly Income" required />

<button onClick={prevStep}>Previous</button>

<button onClick={nextStep}>Next</button>

</div>

);

const Step3 = (

<div className="step">

<h2>Step 3: Loan Details</h2>

<input type="number" name="loanAmount" value={formData.loanAmount} onChange={handleChange} placeholder="Loan Amount" required />

<input type="number" name="loanDuration" value={formData.loanDuration} onChange={handleChange} placeholder="Loan Duration (months)" required />

<textarea name="loanPurpose" value={formData.loanPurpose} onChange={handleChange} placeholder="Loan Purpose" required></textarea>

<input type="file" name="idProof" onChange={handleChange} required />

<button onClick={prevStep}>Previous</button>

<button onClick={confirmDetails}>Confirm Details</button>

</div>

);

const Step4 = (

<div className="step">

<h2>Step 4: Loan Type</h2>

<select name="loanType" value={formData.loanType} onChange={handleChange} required>

<option value="">Select Loan Type</option>

<option value="Equipment Loan">Equipment Loan</option>

<option value="Crop Loan">Crop Loan</option>

<option value="Land Purchase Loan">Land Purchase Loan</option>

{/\* Add more loan types as needed \*/}

</select>

<button onClick={prevStep}>Previous</button>

<button onClick={nextStep}>Next</button>

</div>

);

const Confirmation = (

<div className="step">

<h2>Confirm Details</h2>

<p>Name: {formData.name}</p>

<p>Email: {formData.email}</p>

<p>Mobile Number: {formData.mobileNumber}</p>

<p>Date of Birth: {formData.dob}</p>

<p>Address: {formData.address}</p>

<p>Aadhar Number: {formData.adharNumber}</p>

<p>PAN Number: {formData.panNumber}</p>

<p>Monthly Income: {formData.monthlyIncome}</p>

<p>Loan Amount: {formData.loanAmount}</p>

<p>Loan Duration: {formData.loanDuration}</p>

<p>Loan Purpose: {formData.loanPurpose}</p>

<p>Loan Type: {formData.loanType}</p>

<button onClick={prevStep}>Previous</button>

<button onClick={handleSubmit}>Submit</button>

</div>

);

let currentStep;

switch (step) {

case 1:

currentStep = Step1;

break;

case 2:

currentStep = Step2;

break;

case 3:

currentStep = Step3;

break;

case 4:

currentStep = Step4;

break;

case 5:

currentStep = Confirmation;

break;

default:

currentStep = Step1;

}

return (

<div className="loan-form-container">

<form onSubmit={handleSubmit}>

{currentStep}

</form>

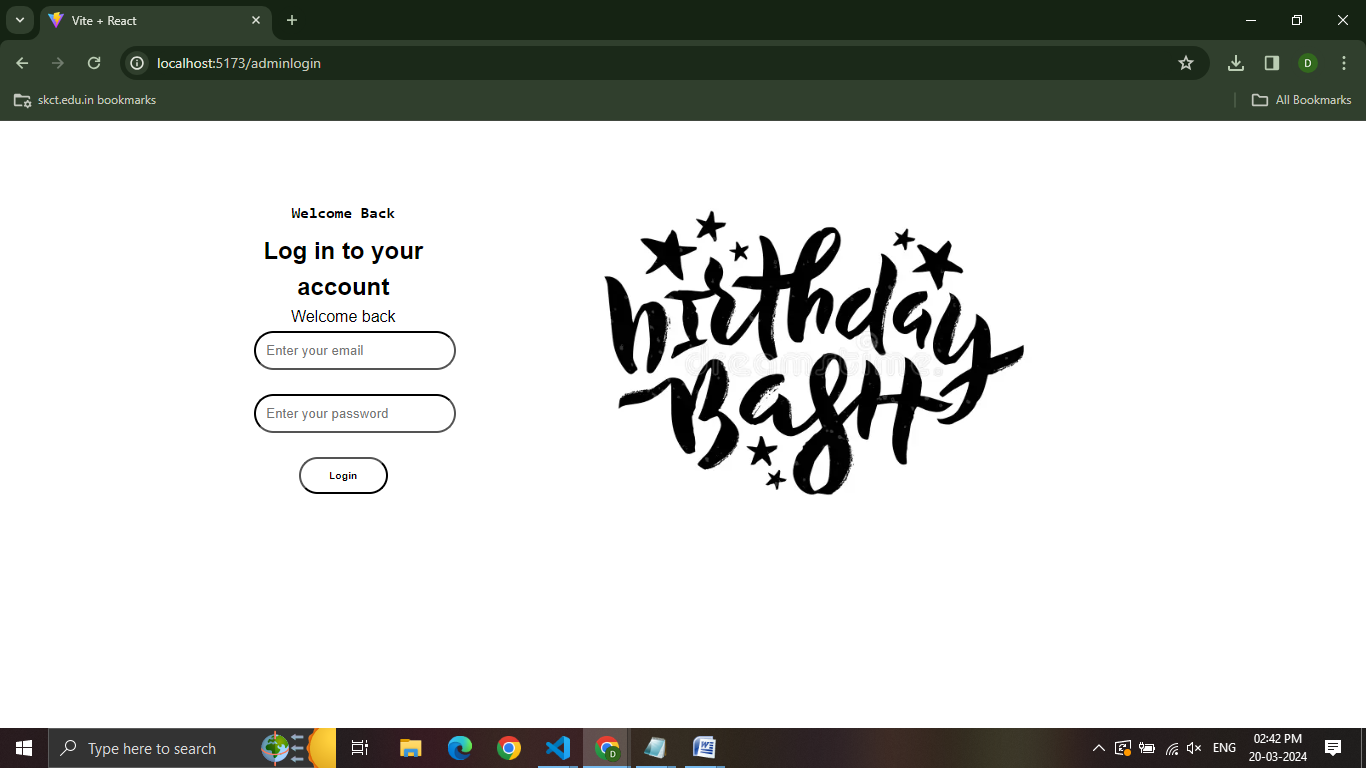
</div>

);

};

export default LoanForm;

**5.6 Admin Login**

****

**Fig 5.6 Admin Login Page**

Figure 5.6 explains A login page is a crucial component of any website or application that requires user authentication. Its primary purpose is to verify the user's identity and grant access to restricted content or features.

**Code:**

import React, { useState } from 'react';

import { Link, useNavigate } from 'react-router-dom';

import '../../assets/css/Login.css';

import { useDispatch } from 'react-redux';

import { login } from '../../components/Redux/userSlice';

function Login() {

const [email, setEmail] = useState('');

const [password, setPassword] = useState('');

const [errors, setErrors] = useState({});

const nav = useNavigate();

const dispatch = useDispatch();

const handleSubmit = (e) => {

e.preventDefault();

const validationErrors = {};

if (!email.trim()) {

validationErrors.email = 'Email is required';

} else if (!/\S+@\S+\.\S+/.test(email)) {

validationErrors.email = 'Email is not valid';

}

if (!password.trim()) {

validationErrors.password = 'Password is required';

} else if (password.length< 6 || password.length> 15) {

validationErrors.password = 'Password should be between 6 and 15 characters';

} else if (email === 'jeya@gmail.com' && password === 'jeya@12') {

nav('/admin'); // Redirect to admin route if credentials match

return;

}

setErrors(validationErrors);

if (Object.keys(validationErrors).length === 0) {

dispatch(login(email));

nav('/home');

}

};

return (

<div className="wrapper bg1">

<div className="container" id="main1">

<div className="row" id="login1">

<div className="col-md-6 right1">

<div className="input-box1">

<header className="header1">Create account</header>

<div className="input-field1">

<input

type="email"

className="input1"

value={email}

onChange={(e) =>setEmail(e.target.value)}

placeholder="Email"

/>

<h6 className="error1">{errors.email&&<span>{errors.email}</span>}</h6>

</div>

<div className="input-field1">

<input

type="password"

className="input1"

value={password}

onChange={(e) =>setPassword(e.target.value)}

placeholder="Password"

/>

<h6 className="error1">{errors.password&&<span>{errors.password}</span>}</h6>

</div>

<div className="input-field1">

<input type="submit" onClick={handleSubmit} className="submit1" value="Sign In" />

</div>

<div className="signin1">

<h6>

No account? <Link to="/signup">Sign Up here</Link>

</h6>

</div>

</div>

</div>

</div>

</div>

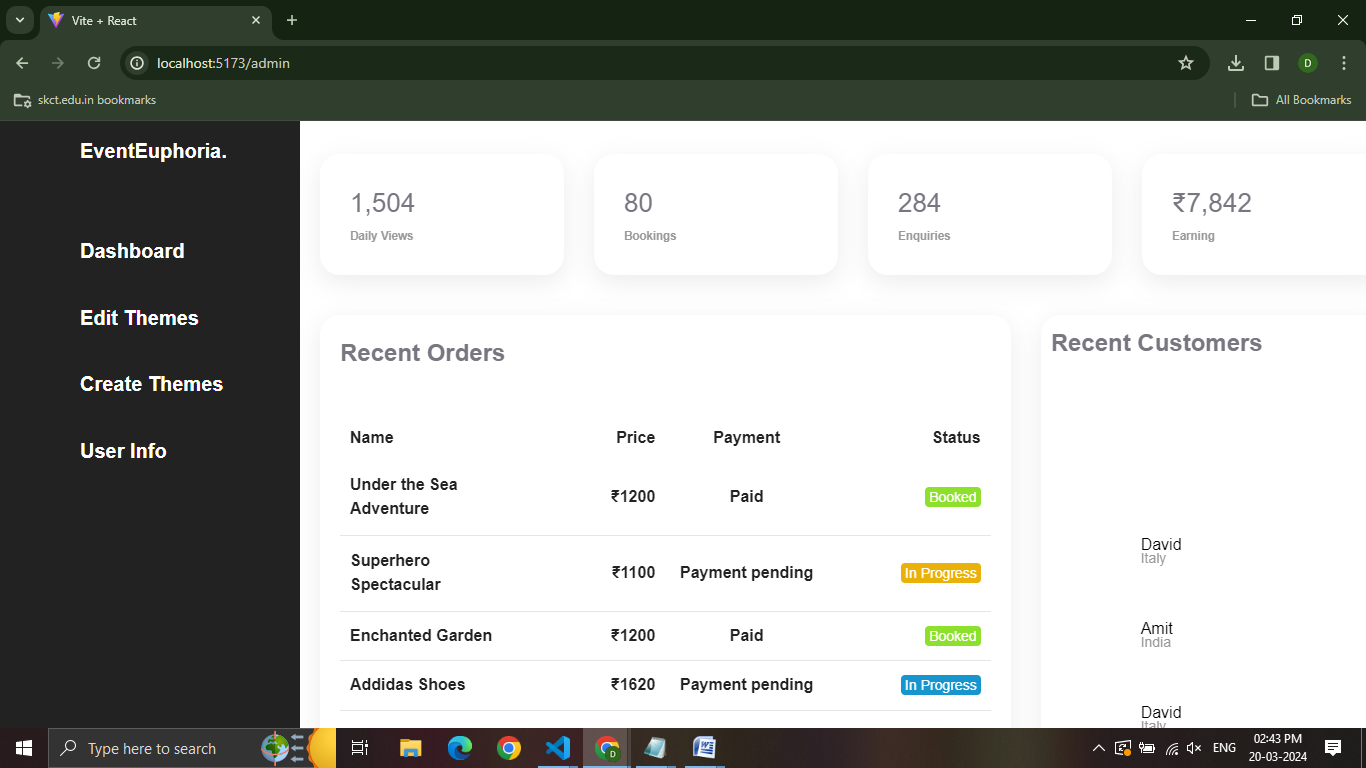
</div>

);

}

export default Login;

**5.7 Admin Page**

****

**Code:**

import React from 'react';

import { Link } from 'react-router-dom';

import '../../assets/css/AdminDashboard.css';

// Sample JSON data

const loanData = [

{

id: 1,

name: 'John Doe',

email: 'john@example.com',

loanType: 'Personal Loan',

loanAmount: '$5000',

monthlyIncome: '$3000'

},

{

id: 2,

name: 'Jane Smith',

email: 'jane@example.com',

loanType: 'Home Loan',

loanAmount: '$10000',

monthlyIncome: '$4000'

},

{

id: 3,

name: 'Michael Johnson',

email: 'michael@example.com',

loanType: 'Car Loan',

loanAmount: '$15000',

monthlyIncome: '$3500'

},

{

id: 4,

name: 'Emily Brown',

email: 'emily@example.com',

loanType: 'Education Loan',

loanAmount: '$20000',

monthlyIncome: '$3800'

},

{

id: 5,

name: 'Daniel Wilson',

email: 'daniel@example.com',

loanType: 'Business Loan',

loanAmount: '$25000',

monthlyIncome: '$4500'

},

{

id: 6,

name: 'Sophia Martinez',

email: 'sophia@example.com',

loanType: 'Medical Loan',

loanAmount: '$18000',

monthlyIncome: '$3200'

}

];

export default function AdminDashboard() {

// Define handleDelete function if needed

return (

<>

<div className="bol">

<div className="plant-details-list-container">

<center>

<h2>Loan Details</h2>

</center>

<Link to="/addloan">

<button className="btn-info" style={{marginLeft:'20%'}}>Add Loan</button>

</Link>

<Link to="/available">

<button className="btn-info" style={{marginLeft:'30%'}}>Available Loan</button>

</Link>

<table className="text-center mt-3">

<thead>

<tr className="text-center">

<th>Name</th>

<th>Email</th>

<th>Loan Type</th>

<th>Loan Amount</th>

<th>Monthly Income</th>

<thcolSpan="3" style={{textAlign:'center'}}>Action</th>

</tr>

</thead>

<tbody>

{loanData.map((loan, index) => (

<tr key={index}>

<td>{loan.name}</td>

<td>{loan.email}</td>

<td>{loan.loanType}</td>

<td>{loan.loanAmount}</td>

<td>{loan.monthlyIncome}</td>

<td>

<button className="btn-success">

View

</button>

</td>

<td>

<button className="btn-danger">

Approve

</button>

</td>

<td>

<button className="btn-info">

Reject

</button>

</td>

</tr>

))}

</tbody>

</table>

</div>

</div>

</>

);

}

**CHAPTER 6**

**CONCLUSION AND FUTURE SCOPE**

**6.1 CONCLUSION**

In conclusion, the development of an online platform dedicated to planning and organizing birthday events offers a transformative solution to a common challenge faced by individuals in today's busy world. By leveraging technology to streamline the planning process, this platform empowers users to create unforgettable celebrations tailored to their preferences and needs. Through seamless coordination of logistics, vendors, and guest management, it promises to revolutionize the way birthday events are organized, ensuring that every celebration is a truly special and memorable occasion. With this innovative tool at their fingertips, users can look forward to effortless and enjoyable birthday planning experiences, marking the beginning of a new era in event organization.

Moreover, for guests, the online platform enhances the overall event experience by providing easy access to important information such as event details, RSVPs, and updates. This eliminates the need for cumbersome paper invitations and manual RSVP tracking, making it convenient for guests to respond and stay informed. Additionally, the platform may offer interactive features such as photo sharing, event reminders, and personalized messages, fostering a sense of community and excitement leading up to the celebration.

Overall, an online platform for birthday events not only revolutionizes the planning process but also enhances the overall event experience for hosts and guests alike. By leveraging technology to streamline logistics, improve communication, and personalize the celebration, it promises to usher in a new era of effortless and enjoyable birthday planning, ensuring that every event is a resounding success and a cherished memory for years to come.

**6.2 FUTURE SCOPE**

the future scope for an online platform dedicated to birthday event planning is promising and expansive. Firstly, there is immense potential for scalability and customization, allowing the platform to cater to a diverse range of events beyond birthdays, such as weddings, anniversaries, and corporate gatherings. By adapting its features and functionalities to accommodate different types of events, the platform can tap into a broader market and become a one-stop destination for all event planning needs.

Secondly, advancements in technology, such as artificial intelligence and virtual reality, can be integrated into the platform to offer innovative features and immersive experiences. For example, AI-powered recommendation systems can suggest personalized themes and vendors based on user preferences and past interactions, while virtual reality simulations can provide realistic previews of event venues and décor arrangements, enabling users to make more informed decisions.

Furthermore, the platform can explore partnerships and collaborations with local businesses, event planners, and vendors to expand its offerings and provide users with access to exclusive deals and discounts. By leveraging a network of trusted partners, the platform can enhance its value proposition and incentivize users to choose it as their preferred event planning solution.

Lastly, as society continues to embrace digitalization and online connectivity, there is growing demand for social integration and community-building features within event planning platforms. Incorporating social media integration, live streaming options, and collaborative planning tools can foster a sense of camaraderie and engagement among users, turning event planning into a shared and interactive experience.

In summary, the future scope for an online platform for birthday event planning is vast, encompassing scalability, technological innovation, strategic partnerships, and social integration. By embracing these opportunities, the platform can evolve into a dynamic and indispensable tool for individuals and businesses looking to create unforgettable event experiences.

**CHAPTER 7**

**REFERENCES**

[1]. Smith, J. (Year).Birthday Event Organizer: A Comprehensive Review (1st ed.). Publisher.

[2]. Brown, A., & Jones, B. (Year). Creativity in Birthday Party Event organizer website (Vol. 3).

[3]. EventCreate: Create a Free Birthday Party Website

[4]. RSVPify: Online RSVP & Invitations for Birthday Parties.