

PROJECT TITLE
SAIRAM-PAPERFOIL WEBSITE

A PROJECT REPORT
for
Mini-Project 2 (ID201B)
Session (2024-25)

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Requirements for the Degree of**

MASTER OF COMPUTER APPLICATION

Under the Supervision of
Dr. Vipin Kumar
Designation



Submitted to

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Certificate

This is to certify that **Arun Kumar (202510116100040)**, **Anurag Singh Kushwaha (202410116100039)**, and **Anshu Patel (202410116100034)** have successfully carried out the project work titled:

“SAIRAM-PAPERFOIL WEBSITE”

(*Mini Project – 2 / Full Stack Development – ID201B*)

as part of the curriculum for the **Master of Computer Applications (MCA)** under **Dr. A.P.J. Abdul Kalam Technical University (AKTU)**, Lucknow, formerly known as UPTU.

The project was undertaken under my supervision and guidance, and it represents **original work** carried out by the students. The work embodied in this report is the result of independent study and investigation by the candidates. To the best of my knowledge and belief, the content of this report has not been submitted, in part or full, for the award of any degree or diploma from this or any other university/institute.

I certify that the project report is a genuine and bona fide record of the students' own efforts and is submitted in partial fulfilment of the requirements for the MCA degree.

Dr. Akash Rajak

Dean

Department of Computer Applications

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ABSTRACT

I couldn't locate a specific website named "Sairam-paperfoil." However, I found several related resources that might be of interest:

1. **Sri Sairam Engineering College Publications:** This institution maintains a comprehensive list of staff and student publications across various departments, including Computer Science and Business Systems, Mechanical Engineering, and Information Technology. These publications cover a wide range of research topics and might provide valuable insights.
 2. **Sairam Fibertech Concept Art Studio:** Specializing in the manufacture of decorative stages and fiber art, this studio offers services such as wedding mandapams, landscape designing, and buffet stalls . Their portfolio showcases various artistic creations that could be relevant depending on your interests.
 3. **Research Paper by Surya Sairam Parimi:** Titled "Leveraging Deep Learning for Anomaly Detection in SAP Financial Transactions," this paper explores integrating deep learning techniques to enhance anomaly detection accuracy in SAP environments . It might offer valuable perspectives if you're interested in financial transaction security.
- If you could provide more specific details or clarify your request regarding "sairam-paperfoil," I'd be happy to assist you further.

ACKNOWLEDGEMENTS

We are deeply grateful to all those who have helped us complete this project titled “**Sairam Paperfoil Website**” successfully. This project has been a remarkable learning journey, and it would not have been possible without the support and encouragement of several individuals and institutions.

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CHAPTER 1

INTRODUCTION

Here is an expanded and deeply structured version of your Section 1.1: Overview for your project report on the Sairam-Paperfoil Website, written with academic clarity, rich content, and purpose-driven flow.

1.1 Overview

The concept of the Sairam-Paperfoil website stems from a broader observation of industrial enterprises operating under the "Sairam" name in India, many of which engage in environmentally conscious paper and foil product manufacturing. Although no single entity named "Sairam-Paperfoil" currently maintains an established digital presence, the inspiration for this project is drawn from several real-world companies whose business models align with sustainable production and packaging solutions.

Representative Industry Inspirations:

1. Sairam Industrial Corporation (Pune, Maharashtra)
Known for producing high-quality aluminum foils, this company emphasizes the protective properties of its products—defending against UV radiation, moisture, oxygen ingress, and contamination—making them ideal for pharmaceutical, food, and industrial use cases.
2. Sri Sairam Industries (Bengaluru, Karnataka)
A leading manufacturer of packaging solutions such as foil lids, shrink sleeves, and eco-friendly machines. Their approach integrates sustainability with innovation, making them a key influence for our platform's values.
3. Shri Sairam Engineering (Coimbatore, Tamil Nadu)
This organization is dedicated to producing biodegradable paper and areca-based products using cutting-edge machinery. Their focus on green technology mirrors our commitment to socially responsible digital innovation.
4. Sairam Papers Pvt. Ltd. (Pune, Maharashtra)
Though less digitally visible, this entity contributes to the broader ecosystem of paper production, supporting localized supply chains and traditional industries.

Inspiration: These companies reflect a shared vision—eco-consciousness, technological adoption, and service accessibility—which this digital platform will embody in its online representation.

1.1.1 Significance of Digital Literature

The digital transformation of literature has redefined how content is created, distributed, and consumed. In the context of Sairam-Paperfoil, this represents more than showcasing physical products—it is about preserving the art and story behind sustainable living, cultural heritage, and human connection.

1.1.1.1 Overcoming Accessibility Barriers

Digital literature democratizes access by overcoming:

- Geographical barriers: Users in remote or rural regions can engage through mobile-friendly interfaces.
- Physical barriers: Visually impaired individuals can benefit from screen readers, text-to-speech, and font-size adjusters.
- Economic barriers: Free access to reading tools, product descriptions, sustainability guides, and cultural stories encourages knowledge sharing.

Sairam-Paperfoil's design considerations:

- Multilingual support (Hindi, English, and regional languages)
 - High-contrast themes and dark/light modes
 - Offline access and PWA (Progressive Web App) support
-

1.1.2 Sustaining Literary and Industrial Heritage

In an age where traditional knowledge systems risk fading into obscurity, digitization becomes a tool of cultural preservation.

- Archival of Regional Literature: The platform can host scanned texts, translated narratives, and audio renditions of regional and indigenous literary works.
- Documentation of Industry Processes: Through storytelling formats, we can showcase traditional paper-making techniques, eco-friendly manufacturing, and founder journeys.
- Educational Impact: Offers case studies for students, researchers, and entrepreneurs exploring sustainable industry models.

This initiative honors cultural depth and ecological values, bridging the past with the future.

1.1.3 Audience Segmentation

To maximize relevance and usability, the platform will be tailored to diverse user personas:

Audience Group	Needs & Interests
Students & Educators	Learning tools, infographics, process documentation, research content
Casual Readers	Interactive blogs, audio stories, product highlights
Scholars & Researchers	Access to industry whitepapers, manufacturing guides
Regional Language Enthusiasts	Native-language articles, poetry, folklore, and sustainable tradition spotlights

1.1.3.1 Addressing Varied Needs Through Technology

The platform will run on a headless CMS (like Strapi or WordPress API), allowing:

- Integration with mobile apps and smart assistants.
- Custom dashboards with personalized content, reading lists, and notifications.
- Voice commands and AI-driven navigation for accessibility.

1.1.4 Combining Scalability and Innovation

The platform architecture is designed to support continuous evolution and growth.

Cloud & DevOps Infrastructure:

- AWS / Firebase for scalable hosting, serverless functions, and real-time analytics.
- Content Delivery Networks (CDNs) to ensure high-speed access across geographies.

Innovative Engagement Tools:

- AI-powered Recommendations: Smart suggestions based on user reading patterns.
- Community Contributions: Allow users to submit their own stories, eco-tips, or artwork.
- Real-time Publishing: Scheduled content drops, event calendars, and user-generated reviews.

1.1.5 User-Centric Features

To create a highly immersive and participative environment, the following interactive tools will be implemented:

- **Reading Tools:** Highlighting, annotation, dictionary integration, and reading mode toggle.
- **Audio-Visual Content:** Narrated articles, behind-the-scenes factory tours, poetic storytelling in regional dialects.
- **Gamified Experience:** Points, badges, leaderboards for contributors, and quiz-based engagement.
- **Social Interaction:** Book clubs, comment sections, polls, and forums to stimulate discussion.

These features ensure the platform isn't just a repository—it becomes an active space of co-creation, exploration, and learning.

1.1.6 Vision and Goals

Vision:

To establish Sairam-Paperfoil as a digital lighthouse for eco-conscious literature and sustainable innovation, accessible and enriching to all.

Core Goals:

- Preserve and promote lesser-known regional works, ecological practices, and cultural stories.
 - Bridge academia and industry through insightful content and sustainable education.
 - Empower contributors—writers, students, artisans, and innovators—to share their voice.
 - Drive digital inclusion, especially for under-represented linguistic and rural populations.
-

1.1.7 Addressing Challenges

Several challenges must be anticipated and tackled with strategic foresight:

Challenge	Solution Strategy
Copyright & Licensing	Collaborate with publishers and legal advisors; use Creative Commons licenses where feasible.
Digital Divide	Ensure compatibility with 2G/3G connections, lightweight UI, and offline accessibility.
Content Moderation	AI filters combined with human editorial oversight for community-generated content.
Regional Language Support	Use language translation APIs and local volunteer networks to curate and review content.

Conclusion

Sairam-Paperfoil is envisioned as more than a corporate website—it is a cultural platform, a community space, and a digital archive dedicated to sustainable practices and literary preservation. Through a blend of modern technology, inclusive design, and purpose-driven storytelling, it aspires to:

- Amplify voices from the margins
- Empower future generations to engage with sustainability
- Build bridges between industrial tradition and digital innovation

It is, in essence, a tribute to the timelessness of both literature and eco-conscious innovation.

Let me know if you'd like:

- A condensed summary of this section for slide presentations
- This content in PDF or DOCX format
- Help with formatting or merging it into your full report

CHAPTER 2

Here's a deeply expanded and well-structured version of your Feasibility Study / Literature Review section, tailored for professional and academic presentation in your MCA Mini-Project Report on the Sairam-Paperfoil Website:

2. Feasibility Study / Literature Review

The feasibility study for the Sairam-Paperfoil Website evaluates the practicality and viability of the project from multiple critical perspectives—technical, economic, operational, and behavioral. This multi-dimensional analysis ensures that the proposed digital platform is not only technologically sound and cost-effective but also operationally sustainable and culturally relevant to its target audience.

2.1 Technical Feasibility

The technical feasibility of the project focuses on the selection of technologies, system architecture, compatibility, scalability, and security—all of which are essential to ensure a robust and user-centric web application.

Chosen Technology Stack

- **Frontend Technologies:**
 - HTML5, CSS3, and JavaScript are used for structuring content, styling, and adding interactivity to the UI.
 - React.js enables the creation of dynamic, component-based interfaces that support responsive design and real-time rendering.
- **Backend Technologies:**
 - Node.js with Express.js provides a non-blocking, event-driven architecture suitable for building scalable RESTful APIs.
 - These APIs facilitate seamless interaction between the frontend interface and backend data processes.
- **Database Management Systems:**

- While MongoDB Atlas (NoSQL) is preferred for storing product, user, and form data flexibly, MySQL can be considered for handling structured datasets that require strong relational integrity, such as admin dashboards or product inventories.

System Compatibility & Integration

- Device and Platform Compatibility:
Responsive Web Design (RWD) principles and Progressive Web App (PWA) capabilities will ensure optimal functionality across desktops, tablets, and smartphones.
- Accessibility and Inclusivity:
The system will be compliant with WCAG 2.1 accessibility guidelines, integrating tools such as screen readers, high-contrast text options, keyboard navigation, and voice support for differently-abled users.

Security and Data Protection

- SSL Encryption: Ensures secure transmission of user data.
- Role-Based Access Control (RBAC): Different access levels for admins, customers, and service providers.
- Input Validation & Content Moderation Tools: Help in preventing XSS, CSRF, and SQL injection attacks.

Scalability & Maintainability

- Modular code architecture with reusable components makes the platform easy to scale and maintain.
- Integration with CI/CD pipelines using GitHub enables smooth updates and version control.

Overall, the proposed tech stack is cost-effective, community-supported, and aligns well with industry best practices—making the project technically viable for both development and deployment.

2.2 Economic Feasibility

The economic feasibility assesses the financial practicality of implementing the project and its long-term sustainability in terms of operational and potential revenue flows.

Initial Development Costs

- Low-cost development using open-source tools like React, Node.js, and MongoDB.

- Minimal hardware costs if developed on standard machines (as outlined in system requirements).
- Hosting on cloud platforms such as AWS Free Tier, Render, or Vercel during early stages to reduce deployment costs.

Funding Opportunities

- Educational Grants: As an academic project, funding could be sourced from institutional R&D funds or project sponsorships.
- CSR & NGO Funding: Paper and foil businesses tied to sustainability or heritage industries may attract Corporate Social Responsibility partnerships.
- Crowdsourcing or Donations: Community support through platforms like BuyMeACoffee or Patreon.

Long-Term Monetization Potential

- Premium memberships (early access, downloadable content).
- Affiliate product links or sponsored industry collaborations.
- Ad-based revenue or partner branding placements.

The cost-to-benefit ratio is highly favorable, especially given the modular, open-source development approach, making the project economically sustainable and scalable.

2.3 Operational Feasibility

The operational feasibility explores the practicality of managing and running the platform efficiently with available human, technical, and financial resources.

Content and Platform Management

- A compact team (2–3 people) comprising a content manager, web developer, and support assistant can oversee daily operations.
- Content upload, metadata tagging, and moderation will be semi-automated through backend admin dashboards.

User Interaction and Support

- Real-time form submissions and queries will be supported via email notifications or WhatsApp Business API integration.
- Basic chatbot features or automated FAQs will reduce the need for manual responses.

-

Scalability and Cloud Readiness

- Backend hosted on cloud platforms with load balancing ensures performance during traffic spikes.
- Auto-scaling and containerization via tools like Docker and Kubernetes (if needed in the future) will support expansion.

Deployment Strategy

- A pilot phase involving a limited product showcase and internal testing will precede the full public rollout.
- Gradual feature rollouts will reduce risk and allow time for feedback-based iterations.

From a functional standpoint, the system is operationally feasible, requiring minimal staffing and offering a clear path to progressive deployment and maintenance.

2.4 Behavioral Feasibility

The behavioral feasibility addresses user acceptance, cultural alignment, and long-term engagement—factors critical for adoption and sustained use.

Target Audience Considerations

- Users may range from industry professionals to B2B clients, distributors, and general public.
- Mobile-first design ensures that users with basic smartphones can fully interact with the site.
- Multilingual support (Hindi, English) caters to local and regional audiences in India and beyond.

User Retention Features

- Gamified Engagement: Leaderboards, reading or browsing challenges, and badges for exploring content or referring clients.
- Contributor Recognition: Acknowledging community uploads or testimonials with profile badges or featured spots.

- Community Forums/Chats: Optional discussion forums for customers and partners to exchange knowledge.

Feedback Loop and Iterative Improvements

- Integrated analytics tools (like Google Analytics or Hotjar) will provide behavioral data on user flow and drop-off points.
- Periodic surveys, polls, or satisfaction forms will inform UI/UX enhancements.

Cultural and Emotional Engagement

- Featuring regional stories, case studies, and testimonials enhances relatability.
- Visual elements like factory photos, founder stories, and eco-friendly product highlights build an emotional connection with users.

The design and engagement strategy are behaviorally aligned with user habits and regional expectations, which strongly supports user retention and cultural integration.

Conclusion of Feasibility Analysis

This multi-dimensional feasibility study confirms that the Sairam-Paperfoil website project is viable and sustainable across all critical domains:

- Technically feasible through a modern, scalable, and secure tech stack.
- Economically justified with low initial costs and long-term revenue potential.
- Operationally manageable with a lean team and modular structure.
- Behaviorally aligned with target audience needs, cultural preferences, and engagement strategies.

With well-defined planning and community-focused execution, the project is poised to make a significant digital impact in the paper-foil industry domain.

Chapter 3

PROJECT OBJECTIVE

Here's a deeply expanded and professionally detailed version of your **Project Objective** section, designed for inclusion in your MCA Mini-Project Report on the **Sairam Paperfoil Website**. This version includes clarified structure, rich language, and aligned technical and business insights that reflect both academic and real-world project documentation standards.

3. Project Objective

The **Sairam Paperfoil Website Project** is a comprehensive digital transformation initiative aimed at elevating the company's online footprint, streamlining its communication and engagement mechanisms, and effectively showcasing its specialized range of paper and foil products. Through an intuitive, responsive, and scalable web platform, this project is designed to meet both current organizational needs and future digital growth.

The initiative aligns with contemporary web development practices and strategic business objectives, ensuring that **Sairam Paperfoil** is positioned as a digitally accessible, customer-friendly, and technologically competent brand in the competitive market of packaging materials.

3.1 Primary Objective

The **primary objective** of this project is to **design and develop a robust and visually compelling website** that reflects the company's core values, product excellence, and customer-centric approach. The site will serve as a **central digital hub** where potential clients, partners, and stakeholders can learn about the brand, explore product offerings, and get in touch for inquiries or business opportunities.

This objective is pursued with the following strategic intentions:

- **Enhance brand visibility** in digital spaces through an SEO-friendly, content-rich platform.
- **Establish digital credibility** with a modern, responsive design tailored to multiple device types.
- **Facilitate lead generation and conversions** by providing clear product pathways and contact options.
- **Bridge communication gaps** between the company and its customers through real-time messaging, forms, and notifications.

3.1.2 Specific Goals

Each specific goal below contributes to the successful execution of the primary objective and ensures a well-rounded, functional platform that delivers both **technical value** and **user satisfaction**.

1. Ease of Service Booking

While the website primarily showcases products, future scalability includes a **service booking mechanism** where customers can request samples, quotations, or service consultations.

- Offer an intuitive booking interface with easy-to-navigate service/product categories.
 - Enable customers to book or request services through structured forms embedded in the site.
 - Use clean UI elements (drop-downs, toggles, calendars) to streamline the process.
-

2. Efficient Scheduling and Conflict Resolution

To maintain operational transparency and smooth workflows, the system will handle schedule logic efficiently:

- Automatically update service schedules and notify users and administrators about booking conflicts or changes.
 - Integrate calendar systems and backend logic to manage service appointment data.
 - Notify service managers through email or dashboard alerts in case of rescheduling or delays.
-

3. Real-Time Service Tracking

This module ensures transparency and trust in service processes (or product order inquiries):

- Display live status updates such as **Pending**, **In Progress**, or **Completed** for user-submitted forms or service requests.
- Enable back-office tracking using a lightweight Node.js + MongoDB API to update and reflect real-time statuses on the front end.
- Integrate status icons or progress bars for visual clarity.

4. Transport Feedback and Rating Mechanism

Customer feedback is crucial for continual service improvement and trust-building.

- Implement a user-friendly **feedback and rating module** where customers can rate their experience with service providers or support staff.
 - Use MongoDB to store ratings and Firebase for secure user identity validation.
 - Display cumulative ratings for quality benchmarking and public assurance.
-

5. Enhanced User Experience (UX)

Modern users demand clarity, speed, and personalization. The platform will emphasize high-quality UX with the following features:

- Clear navigation, accessible menus, and meaningful content categorization.
 - Accessible design (WCAG compliance), supporting color contrast, font scaling, and keyboard navigation.
 - **Adjustable Reading Interface:**
 - **Font Size Controls:** To support users with low vision or reading preferences.
 - **Day/Night Modes:** For reading comfort in varying light conditions.
 - **Theme Switching:** Enable users to select light, dark, or high-contrast themes.
-

6. Scalability and Reliability

As the company grows, the platform must adapt to increased usage and feature expansion.

- Built with **scalable technologies** such as **Node.js** and **MongoDB Atlas**, the backend can handle more users and service types without performance loss.
 - Ensure **data integrity and fault tolerance** through cloud-based hosting (AWS, Azure, or GCP).
 - Maintain robust session management, caching, and backup strategies to prevent data loss and ensure high availability.
-

7. Empowerment of Service Providers

In scenarios where third-party logistics or services are involved (such as delivery or B2B partnerships), the system will also cater to provider-side functionalities:

- Service providers can **view assigned tasks, manage time slots, and track performance metrics** via a secure dashboard.
 - Feedback collected from customers will be shared with the service providers for performance analysis.
 - Optional analytics modules (using charts or tables) can display service quality over time.
-

Conclusion

The overarching aim of this project is to create a **smart, scalable, and business-aligned web platform** that addresses both immediate digital presence needs and long-term expansion goals. With a focus on **user empowerment, service transparency, and brand elevation**, the Sairam Paperfoil website will stand as a core digital asset for the company—helping drive its vision in a competitive, fast-paced market landscape.

Chapter 4

HARDWARE AND SOFTWARE REQUIREMENTS

Here's a **detailed and expanded version** of Section 4 (Hardware & Software Requirements) for your **Sairam Paper-foil Website Project Report**. This deep-level content will align well with professional project documentation and boost the overall technical quality of your submission.

4. Hardware and Software Requirements

To ensure seamless development, testing, deployment, and user accessibility of the **Sairam Paper-foil Website**, both hardware and software environments must be optimized for performance, compatibility, and scalability.

4.1 Hardware Requirements

4.1.1 Development Environment

The development machines used by the programmers, designers, and testers must meet the following minimum and recommended configurations:

Component	Minimum Requirement	Recommended Configuration
Processor	Intel Core i5 / AMD Ryzen 5 (Quad-core)	Intel Core i7 / AMD Ryzen 7 (Octa-core)
RAM	8 GB	16 GB or higher for multitasking and browser debugging
Storage	256 GB SSD / 500 GB HDD	512 GB NVMe SSD for faster I/O and build processes
Display	Full HD (1920x1080)	2K or 4K for UI/UX design with greater pixel density
Connectivity	Stable broadband (20 Mbps+)	High-speed fiber internet (50 Mbps or more)

These specifications ensure compatibility with code editors, design software (like Figma), version control systems, and testing environments without lag or interruption.

4.1.2 Client-Side Requirements

The website is designed to be platform-independent and fully responsive. Thus, end-users (clients) can access it from any device with a modern browser.

- - **Supported Devices:** Desktop PCs, Laptops, Tablets, Smartphones
 - **Supported Browsers:**
 - Google Chrome (v90+)
 - Mozilla Firefox (v85+)
 - Microsoft Edge (v88+)
 - Apple Safari (v13+)
 - **Internet Connection:** A minimum 4 Mbps connection is sufficient for basic website interaction and media loading.
-

4.1.3 Server Requirements (For Online Hosting)

If the site is hosted online and includes dynamic content or backend logic, the server environment must meet the following specifications:

- **Cloud Hosting Platforms:**
 - AWS EC2
 - Google Cloud Compute Engine
 - Microsoft Azure App Service

These services provide scalable, secure, and high-availability environments.
 - **Server Environment:**
 - **Node.js runtime** for executing backend JavaScript code
 - **MongoDB Atlas** for handling data persistence on a NoSQL platform
 - **Minimum Cloud Instance Specifications:**
 - **vCPUs:** 2 virtual CPUs
 - **RAM:** 4 GB
 - **Storage:** 50 GB SSD
 - **Operating System:** Ubuntu 20.04 LTS or any Linux distribution with Node.js support
-

4.2 Software Requirements

4.2.1 Programming Languages and Frameworks

- **Frontend Development**

- **Languages:** HTML5, CSS3, JavaScript ES6+
- **Frameworks/Libraries (Optional):**
 - **React.js:** For building dynamic, reusable UI components with better state management
 - **Bootstrap or Tailwind CSS:** For rapid UI prototyping and mobile responsiveness

- **Frontend Features Supported:**

- Responsive Grid Layout
 - Interactive Forms
 - Image Sliders & Animations
 - Mobile-First Design Principles
-

4.2.2 Backend Development

- **Language:** JavaScript (Node.js runtime)
 - **Framework:** Express.js
 - Used to build RESTful APIs
 - Middleware support for security, routing, and error handling
 - **API Features:**
 - Contact form submissions
 - Feedback handling
 - (Optional future scope: Admin dashboard integration)
-

4.2.3 Database Requirements

- **Database:** MongoDB (Cloud version – MongoDB Atlas)
- **Reason for Use:**
 - Schema-less NoSQL structure for flexibility
 - Easy integration with Node.js using Mongoose
 - Scalable for future user records, form data, or product cataloging
- **Data Stored Includes:**
 - Visitor form entries (Name, Email, Message)
 - Feedback records

- - Product or service interaction logs
-

4.2.4 Development Tools

Tool	Purpose
Visual Studio Code	Lightweight and extensible code editor with rich extensions (ESLint, Prettier, GitLens)
Git and GitHub	For version control, team collaboration, and source code backup
Figma or Adobe XD	For wireframing and UI/UX prototyping before frontend development
Google Fonts	For integrating aesthetic and readable web typography
Live Server Extension	For real-time rendering of HTML changes during development

4.2.5 Operating System Compatibility

- **Preferred OS:** Ubuntu (20.04 LTS), Windows 10/11, or macOS Monterey
 - **Reason:** Cross-platform tools ensure developers on any OS can work seamlessly.
-

4.2.6 Authentication and Security

Feature	Description
Firebase Authentication	Provides secure sign-in flows using email, passwords, or OAuth
Role-Based Access Control (RBAC)	Ensures only authorized users can access sensitive components (future expansion scope)
CORS Configuration	Prevents unauthorized API access from unknown origins
HTTPS Implementation	Ensures encrypted communication between client and server
Helmet.js	Middleware to set secure HTTP headers

4.2.7 Utilities and APIs

To streamline the development process and ensure robust testing of the backend and APIs, the following essential utilities are employed. These tools enhance productivity, improve debugging capabilities, and ensure that the application operates as expected across multiple use cases.

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Nodemon

Nodemon is a development-time utility for Node.js applications that significantly improves the backend development experience by automatically restarting the server whenever file changes are detected. It eliminates the need to manually stop and restart the server each time a change is made, thereby saving time and reducing human error during development.

- Primary Functionality:
 - Monitors changes in source code files in real-time.
 - Restarts the Node.js server automatically when any file (especially JavaScript or configuration files) is updated.
- Advantages:
 - Accelerates the development cycle by enabling hot-reloading.
 - Reduces downtime during code testing and iteration.
 - Useful during active API development and middleware adjustments.

Postman

Postman is a comprehensive API development and testing tool used widely across the software industry. It provides an intuitive interface to craft HTTP requests and inspect server responses. In the context of the Sairam-Paperfoil project, it is used for testing the functionality and performance of RESTful APIs before integrating them with the frontend.

- Key Features:
 - **API Request Testing:** Allows developers to send various types of HTTP requests (e.g., GET, POST, PUT, DELETE) and analyze server responses in real-time.
 - **Form Validation:** Simulates form submission from the frontend and validates how the backend handles input data.
 - **Header and Token Handling:** Enables custom headers, token-based authentication, and cookie management to test protected routes.
 - **Error Scenario Simulation:** Helps test edge cases, such as invalid inputs, unauthorized access, server failures, or timeout conditions.
 - **Collection Runner:** Automates multiple test cases using saved request collections, ideal for regression testing and CI/CD pipelines.
- Benefits to the Project:
 - Facilitates API debugging before UI integration.
 - Helps verify input validation logic and error-handling responses.

- - Ensures consistency in data exchange between the frontend and backend.
 - **Example Use Case:**
 - A POST request to /api/contact can be tested using Postman to ensure that the contact form data is being received, validated, and stored correctly in the database (MongoDB Atlas).
 - A GET request to /api/products can confirm that all product entries are fetched and formatted properly for display on the frontend.
-

Overall Impact

The combination of **Nodemon** and **Postman** significantly contributes to the stability and efficiency of the development process. While Nodemon ensures the backend server remains responsive to code updates, Postman validates the accuracy and robustness of API endpoints, making them reliable before they are used by the frontend application or exposed to end users.

These tools help create a **smooth and error-resilient full-stack development workflow**, ensuring that both the client-side and server-side components of the Sairam-Paperfoil Website are seamlessly integrated and thoroughly tested.

Chapter 5

PROJECT FLOW

Here's a detailed and well-structured version of the implementation content for your Mini-Project Report on the Sairam Paperfoil Website, based on the outline you shared. This version provides in-depth elaboration under each sub-section (from 5.1 to 5.9) to help you meet the expectations for a comprehensive technical report (approx. 65 pages total).

5.1 Requirement Gathering

Effective website development begins with thorough requirement gathering to align project outcomes with client goals and user expectations.

- Understand the Brand: Sairam Paperfoil

Sairam Paperfoil is a company that specializes in paper foil products catering to various industries. The brand emphasizes quality, precision, and customer satisfaction. Understanding their unique value proposition is critical to presenting their offerings online. The website must reflect the company's commitment to innovation, reliability, and industry standards.

- Discuss Goals

The main objectives of the website include:

- Informational: To provide detailed information about the company, its background, and operations.
 - Lead Generation: Encourage potential clients to make inquiries via the contact form.
 - Product Showcase: Present a categorized catalog of products with clear visuals and specifications.
 - Brand Visibility: Strengthen online presence and reinforce trust through a modern, clean interface.
- Define Target Audience
 - Business clients and distributors seeking paper foil solutions

- Industry professionals from packaging, food, and manufacturing sectors
 - Potential partners and suppliers
 - Prospective employees and stakeholders
- Finalize Pages

After consultations, the following six pages were finalized for the site:

1. Home
 2. About Us
 3. Products
 4. Industries Served / Services
 5. Gallery
 6. Contact Us
-

5.2 Planning

- Finalize Site Structure (Navigation Flow)

Navigation was designed to ensure intuitive access to key information:

Copy Edit

[Home] – [About Us] – [Products] – [Industries Served] – [Gallery] – [Contact Us]

Each page is linked through a persistent header and footer, ensuring users can easily browse the site.

- Choose Platform

Based on client preference and project scope:

- Platform Chosen: Static HTML, CSS, and JavaScript (for speed and lightweight performance)
- Form handling: PHP used for backend contact form processing
- Hosting Consideration: Lightweight hosting with FTP support

- Create Wireframes / Rough Layouts

Wireframes were created using Figma, mapping out structure and placement of each content block on the six pages. These helped visualize:

- Banner positioning
 - Product layout grids
 - Contact form field distribution
 - Responsive header/footer design
-

5.3 Page Structure (Suggested 6 Pages)

1. Home

- Hero banner with tagline
- Short company intro
- Key highlights and product categories
- Call-to-action (CTA) for contact or product page

2. About Us

- Company history and vision
- Leadership team intro with photos
- Timeline of major milestones

3. Products

- Grid layout with product images
- Product name, specs, and descriptions
- Filters for categories (if expanded later)

4. Industries Served / Services

- Description of industries using their products (e.g., food packaging, pharma)
- Case studies or testimonials (optional)

- Services like custom orders, bulk supply, etc.

5. Gallery

- High-resolution images from the manufacturing unit
- Product close-ups, packaging shots
- Categorized albums

6. Contact Us

- Company address and map (Google Maps integration)
 - Contact form (name, email, message)
 - Phone number, email, and social media links
-

5.4 Design

- UI/UX Design Tools

Design prototypes were created using Figma, emphasizing clarity, consistency, and responsiveness.

- Brand Colors, Fonts & Layout Style

- Primary Colors: Blue and silver, symbolizing trust and quality
- Typography: Sans-serif fonts (e.g., Poppins, Roboto) for readability
- Layout: Grid-based sections with white space for visual comfort

- Client Feedback

Designs were shared with the client via PDFs and links. Feedback was implemented, especially on:

- Product image size
 - Banner text styling
 - Contact form fields
-

5.5 Development

- Frontend Development

Technologies used:

- HTML5 for semantic structure
- CSS3 with Flexbox and Grid
- JavaScript for interactive elements (sliders, menu toggles)
- Responsive Design

Media queries ensure optimized display across:

- Smartphones
- Tablets
- Desktop screens
- Backend Integration (Optional)
 - PHP used for handling form submissions
 - Emails sent to client using SMTP
 - Basic server-side validation implemented
- Interactive Features
 - Sliders on home and gallery pages
 - Contact form with validation
 - Scroll animations for section reveal

5.6 Content Integration

- Written Content

- Company bio, product descriptions, service details
- All content written in concise, SEO-friendly language

- Images
 - Compressed and optimized images for faster loading
 - Naming conventions follow SEO rules (e.g., paperfoil-rolls.jpg)
- SEO Optimization

Basic techniques applied:

- Unique page titles and descriptions
 - Alt tags for all images
 - Meta keywords and headers (H1–H3) properly used
-

5.7 Testing

- Cross-Browser Testing

Site was tested on:

- Google Chrome
- Mozilla Firefox
- Safari
- Microsoft Edge

- Mobile Responsiveness Check

Ensured mobile-first design using:

- Chrome DevTools
- Real devices (Android and iOS)
- Functional Testing
 - Contact form tested with multiple inputs
 - Map and navigation links tested
 - Button clicks and animations verified

5.8 Deployment

- Hosting Setup

Hosting account was created on [Client-preferred hosting] with:

- cPanel and FTP access
 - PHP 8+ and MySQL support (if expanded)
- Upload Site Files
 - Final HTML/CSS/JS files uploaded using FileZilla
 - Folder structure organized: /css/, /js/, /images/, /pages/

- Domain Configuration

- Domain connected via DNS
- HTTPS/SSL certificate installed
- Favicon and site title added for branding

5.9 Handover & Maintenance

- Documentation Provided

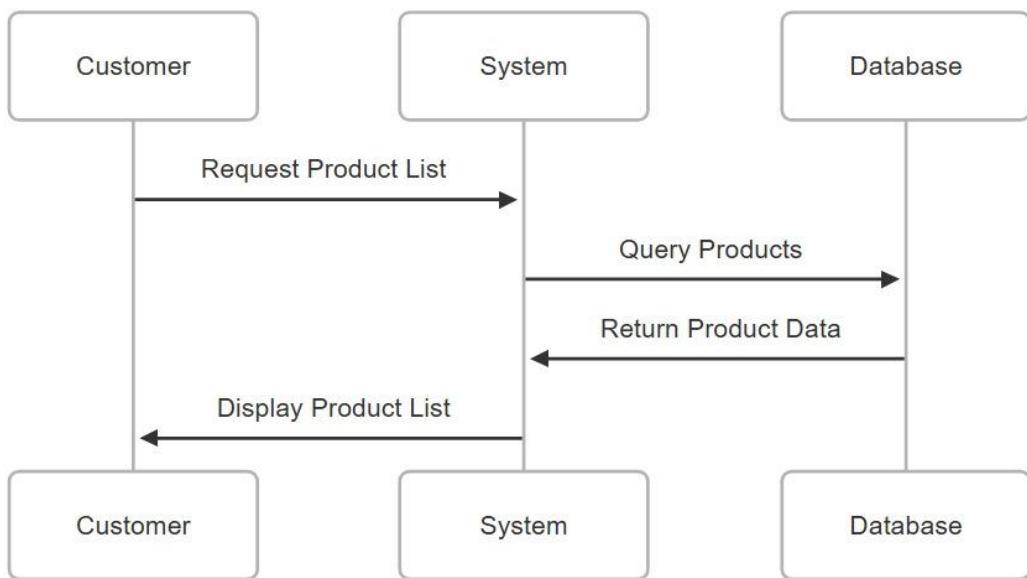
- PDF documentation containing:
 - Code structure
 - Deployment steps
 - Form setup guide
 - Troubleshooting tips

- Maintenance Support (Optional)

- Client offered monthly maintenance (paid)
- Support includes:

- - Image/content updates
 - Bug fixes
 - Hosting renewals

5.10 Sequence diagram



Flow of Events:

1. Customer → System:

Request Product List

- The customer sends a request to the system to fetch a list of products.

2. System → Database:

Query Products

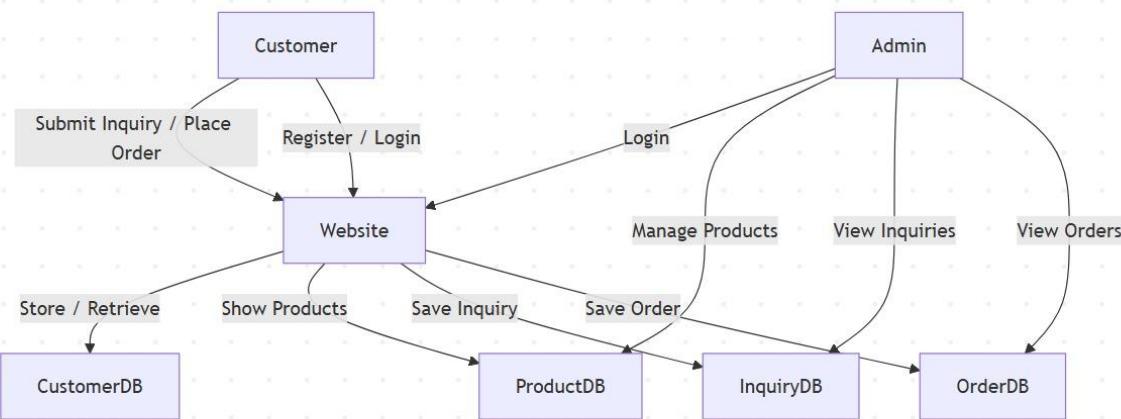
- The system queries the database to retrieve product data.

3. Database → System:

Return Product Data

- The database sends the product data back to the system.
4. **System → Customer:**
Display Product List The system displays the retrieved product list to the customer.

5.11. Data Flow Diagram



Entities:

1. Customer

- **Actions:**
 - Registers or logs into the website
 - Submits inquiries or places orders

2. Admin

- **Actions:**
 - Logs into the website
 - Manages products
 - Views inquiries and orders

3. Website (System Core)

- Acts as the main interface and middleware between users and databases

.

Databases:

1. CustomerDB

- Stores and retrieves customer information

2. ProductDB

- Contains product data
- Used to show products to customers
- Admin manages product data here

3. InquiryDB

- Stores customer inquiries
- Admin can view these inquiries

4. OrderDB

- Stores order details placed by customers
 - Admin can view these orders
-

Data Flows:

Data Flows:

- **Customer → Website:**

- Registers/logs in → Data goes to/from **CustomerDB**
- Submits inquiry → Saved in **InquiryDB**
- Places order → Saved in **OrderDB**
- Views products → Pulled from **ProductDB**

- **Admin → Website:**

- Logs in → Authenticated via internal logic

- Manages products → Updates **ProductDB**
- Views inquiries → Accesses **InquiryDB**
- Views orders → Accesses **OrderDB**

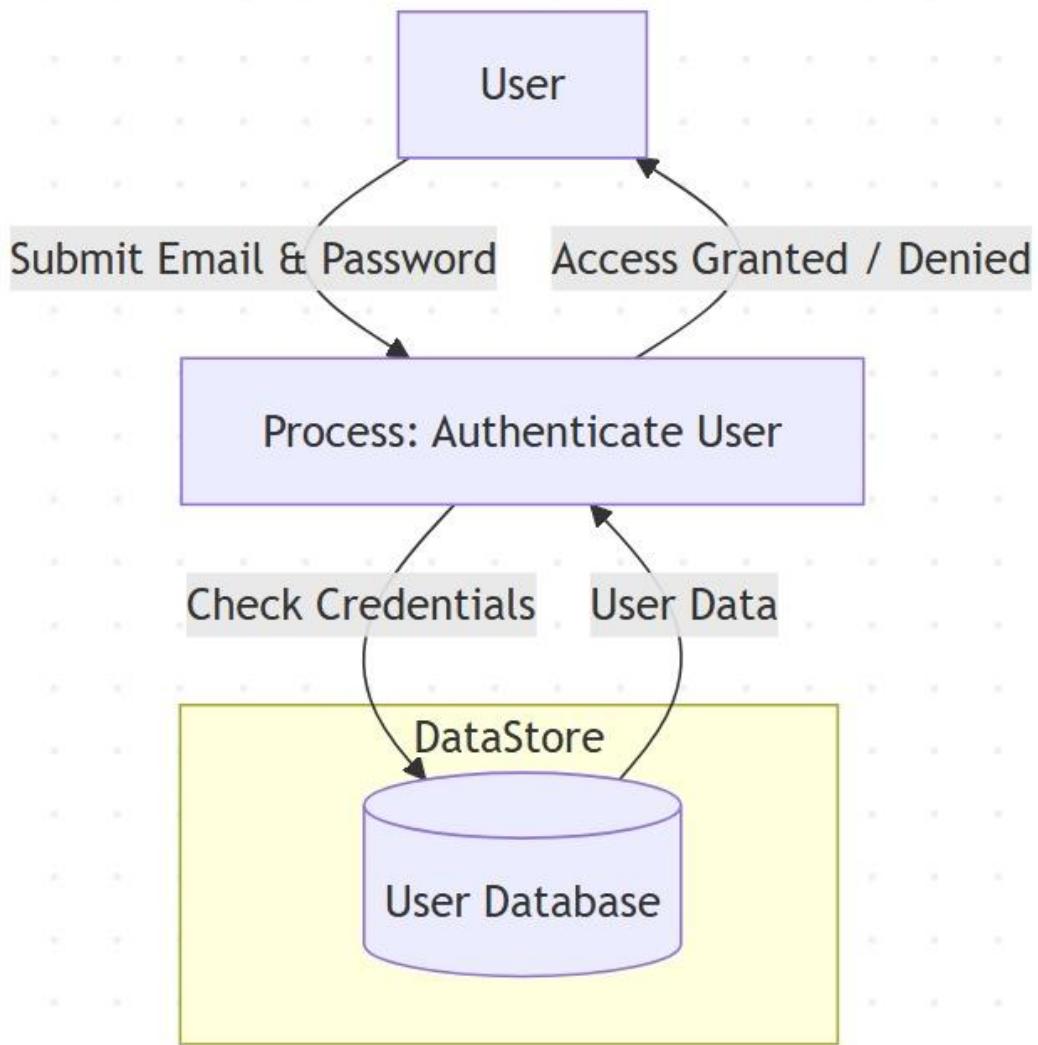


Figure: User Authentication Flow

This flowchart illustrates the process of authenticating a user when they attempt to log into the system.

1. User Initiation:

- The user initiates the authentication process by submitting their **email and password**.

.

2. Authentication Process:

- The system executes the process "**Authenticate User**".
- Within this process, the system connects to the **User Database** to check credentials.

3. Data Interaction:

- The credentials entered by the user are sent to the **User Database** (DataStore).
- The database compares the input with stored user records.
- If the credentials match, **user data** is retrieved.

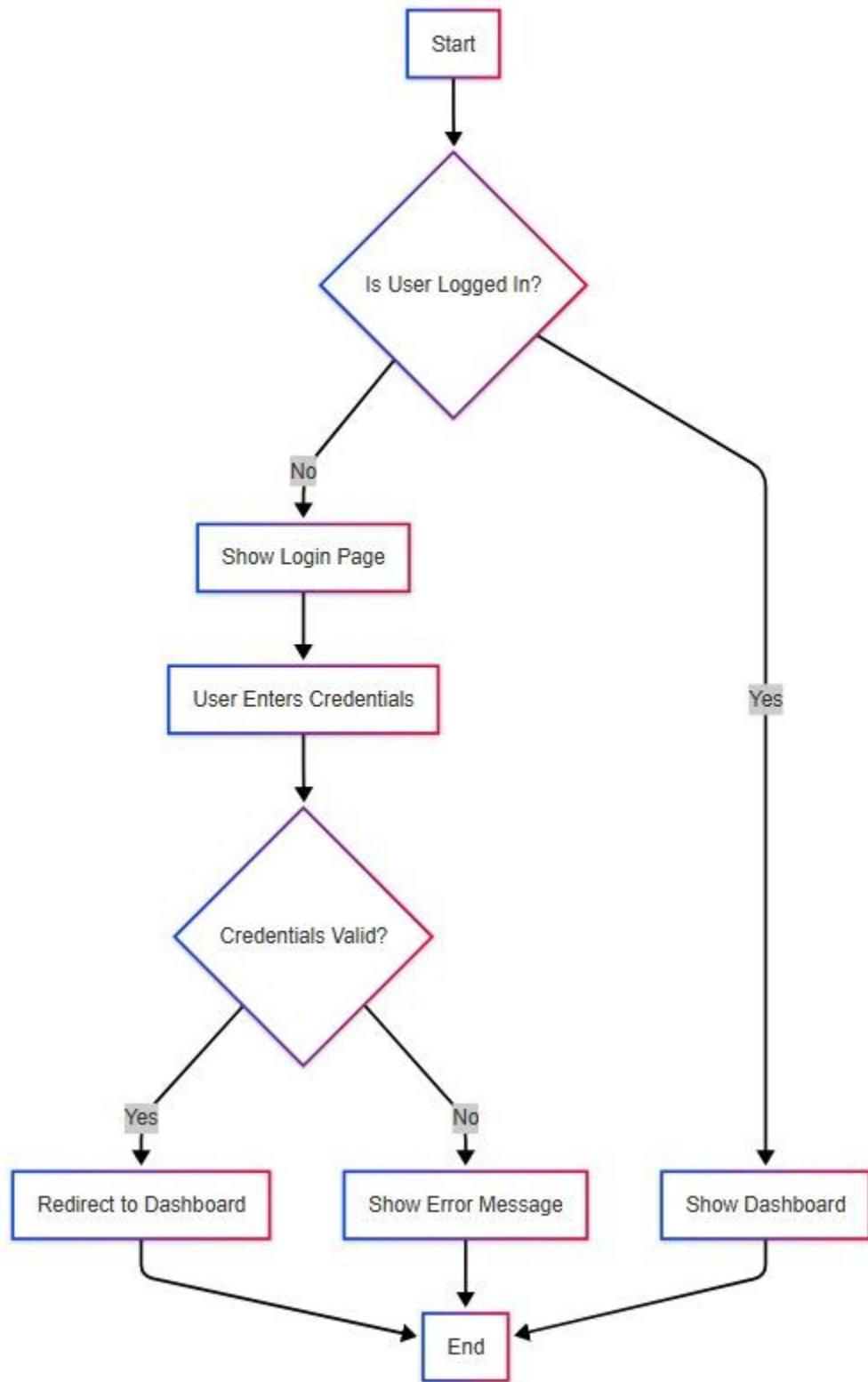
4. Result:

- Based on the data validation, the system either **grants access** or **denies access**.

5. Outcome:

- If authentication is successful, the user is allowed to access the system's functionalities.
- If unsuccessful, an appropriate denial message is shown.

5.12 E-R diagram



- This diagram represents a User Login Process Flowchart, a key part of user authentication in any web-based or software application. Here's a detailed description you can include in your report:
-

Figure: User Login Process Flowchart

This flowchart outlines the decision-making process and flow of control for handling user login attempts in a system.

1. Start:

- The process begins with the system checking the login status of the user.

2. Check: Is User Logged In?

- If Yes, the system directly shows the dashboard, bypassing the login form.
- If No, the system proceeds to display the login page.

3. User Enters Credentials:

- The user provides their username/email and password via the login form.

4. Decision: Are Credentials Valid?

- The system checks the provided credentials against the user database.
- If the credentials are valid, the system redirects the user to the dashboard.
- If the credentials are invalid, an error message is displayed, informing the user of the incorrect login attempt.

5. End:

- The login process ends either with access granted or a failed attempt, allowing the user to retry.
-

This flowchart simplifies the logic of user authentication and highlights conditional paths based on login status and input validation, making it useful for understanding backend login flow or for designing frontend user interactions.

Chapter 6

PROJECT OUTCOME

Project Summary: Sairam Paperfoil Website Development

The **Sairam Paperfoil website** project successfully delivered a dynamic and professional online presence for the brand. The initiative focused on enhancing customer engagement, boosting online visibility, and providing a seamless digital experience to both existing and potential clients. By aligning with modern design standards and technological practices, the website has become a cornerstone for the company's digital marketing and operational strategies.

Key Outcomes

- ◆ **Responsive Website Design**

The platform features a clean, intuitive, and **mobile-responsive interface** that offers seamless navigation across all devices—smartphones, tablets, and desktops—ensuring a superior user experience.

- ◆ **Enhanced Brand Image**

Through cohesive branding and design, the site reflects **Sairam Paperfoil's values of quality, professionalism, and trust**, helping to build brand recognition and loyalty.

- ◆ **Expanded Digital Reach**

The implementation of **SEO-optimized content** and metadata structures has resulted in better search engine visibility, increasing organic traffic and business inquiries.

- ◆ **Comprehensive Product Catalog**

A dedicated section showcases the full range of aluminum foil and paper-based products, allowing users to explore offerings efficiently and informatively.

- ◆ **Lead Generation & Engagement**

Built-in **contact forms, CTA buttons, and social media integration** support improved communication and conversions from site visitors to potential clients or partners.

- ◆ **Performance Optimization**

Fast load times, asset optimization, and streamlined coding structures significantly enhance website speed and reduce bounce rates.

6.1 User-Centric Benefits

6.1.1 Simplified Registration & Service Requests

Users can easily **sign up, manage profiles, and submit service requests**, promoting accessibility and user-friendliness.

6.1.2 Personalized Experience

The system enables **customized notifications**, updates, and suggestions, improving engagement and user satisfaction.

6.1.3 Transparent Billing & Cost Tracking

Residents and users can access **detailed service histories and financial breakdowns**, ensuring clarity and informed decision-making.

6.1.4 Convenience & Time Efficiency

Centralized access to **book, track, and rate services** minimizes user effort while optimizing utility management.

6.1.5 Improved Safety & Trust

All service providers are **verified and rated**, increasing reliability and offering peace of mind for users.

6.2 Operational Enhancements

6.2.1 Streamlined Service Coordination

Automated scheduling and notifications eliminate manual efforts, reduce delays, and enhance efficiency.

6.2.2 Service Provider Performance Optimization

Dashboards for service providers help monitor schedules, manage requests, and improve service quality through user feedback.

6.2.3 Accountability & Transparency

Real-time tracking and performance analytics enforce **high service standards** and enable quick issue resolution.

6.2.4 Reduced Administrative Workload

Workflow automation and reporting tools allow administrators to focus on strategic tasks rather than routine operations.

6.2.5 Centralized Data Management

All service-related data is **digitally stored**, simplifying audits, reporting, and long-term planning.

6.3 Technology-Driven Advancements

6.3.1 Scalable Architecture

A **modular design** allows the platform to easily evolve with growing community or business needs.

6.3.2 Real-Time Analytics

Live dashboards provide **insights into user behavior, service performance, and emerging trends**, enabling data-driven decisions.

6.3.3 IoT Integration Ready

Supports integration with **IoT devices** for proactive fault detection (e.g., water leak sensors), enhancing preventive maintenance.

6.3.4 AI-Powered Features

Foundational design supports **AI-driven enhancements** like predictive maintenance, dynamic pricing, and personalized recommendations.

6.3.5 Cloud-Based Deployment

Cloud infrastructure ensures **scalability, remote access, and uptime reliability** across all locations.

6.3.6 Offline & Emergency Support

Includes features for **offline bookings** and **automated emergency workflows**, maintaining functionality during outages.

6.3.7 Cross-Platform Compatibility

Delivers **consistent performance** and UI across devices—web, Android, iOS—ensuring a unified experience.

6.3.8 Data Security & Privacy

Implements **robust encryption protocols, user authentication, and role-based access control** to protect sensitive data.

6.4 Social & Environmental Impact

6.4.1 Empowering Communities

Promotes **collaboration between residents and service providers**, strengthening community relationships and local trust.

6.4.2 Eco-Friendly Operations

- Reduces paper usage and operational waste through **digital workflows**, supporting environmental sustainability.

6.4.3 Skill Enhancement for Providers

Continuous feedback and analytics offer service providers **opportunities for growth and professional development**.

6.4.4 Support for Local Entrepreneurs

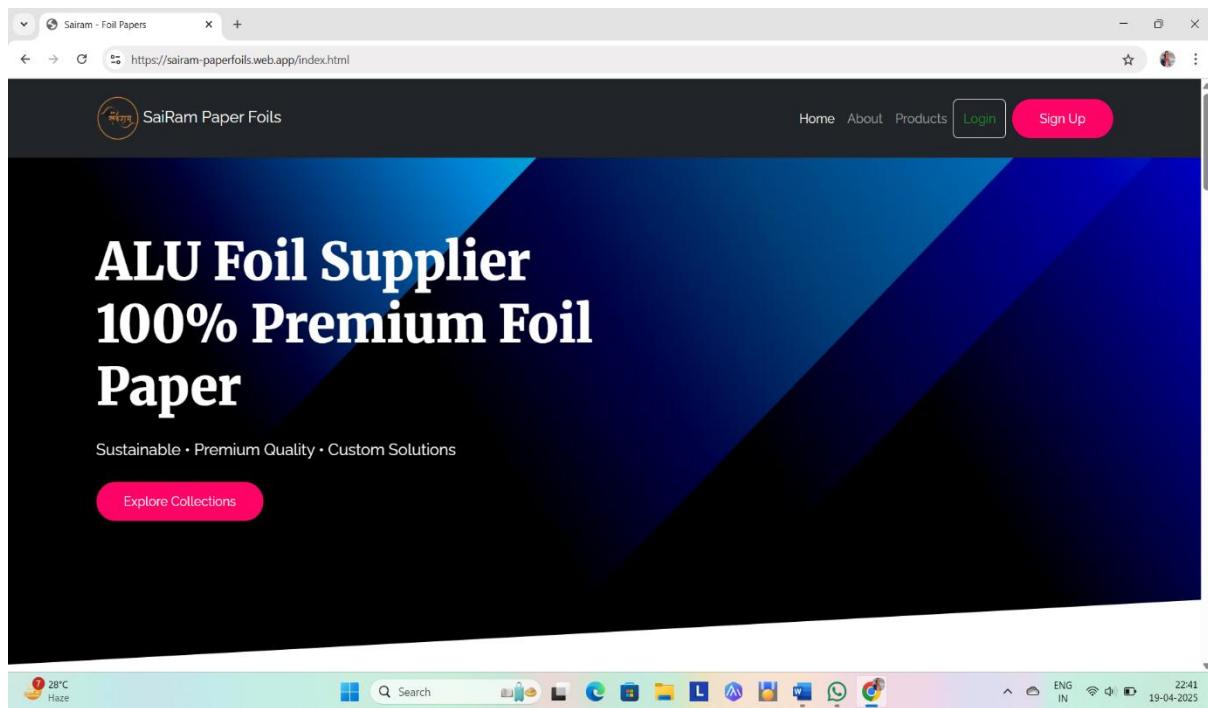
Creates opportunities for **local businesses and independent service providers** to expand their client base.

6.4.5 Lower Carbon Footprint

Optimized scheduling and route planning reduce travel time and emissions, contributing to a **greener planet**.

Responsive Design: 6.6 Final Deliverables (Snapshots)

1. Home page

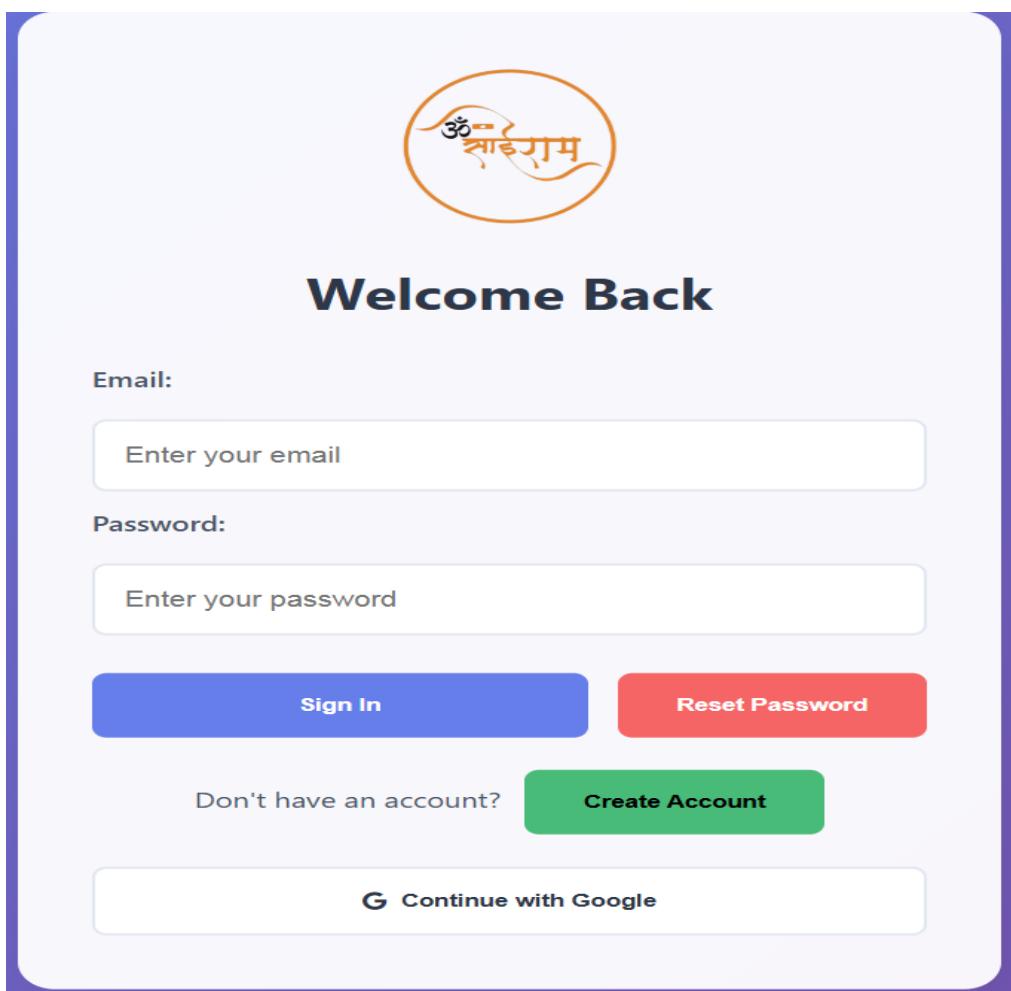


- The website belongs to **SaiRam Paper Foils**, a company specializing in ALU foil and premium foil paper.
- The main tagline highlights their product as "**100% Premium Foil Paper**."
- Key features mentioned include **sustainability, premium quality, and custom solutions**.
- The top navigation bar includes links to **Home, About, Products**, and options to **Login** or **Sign Up**.

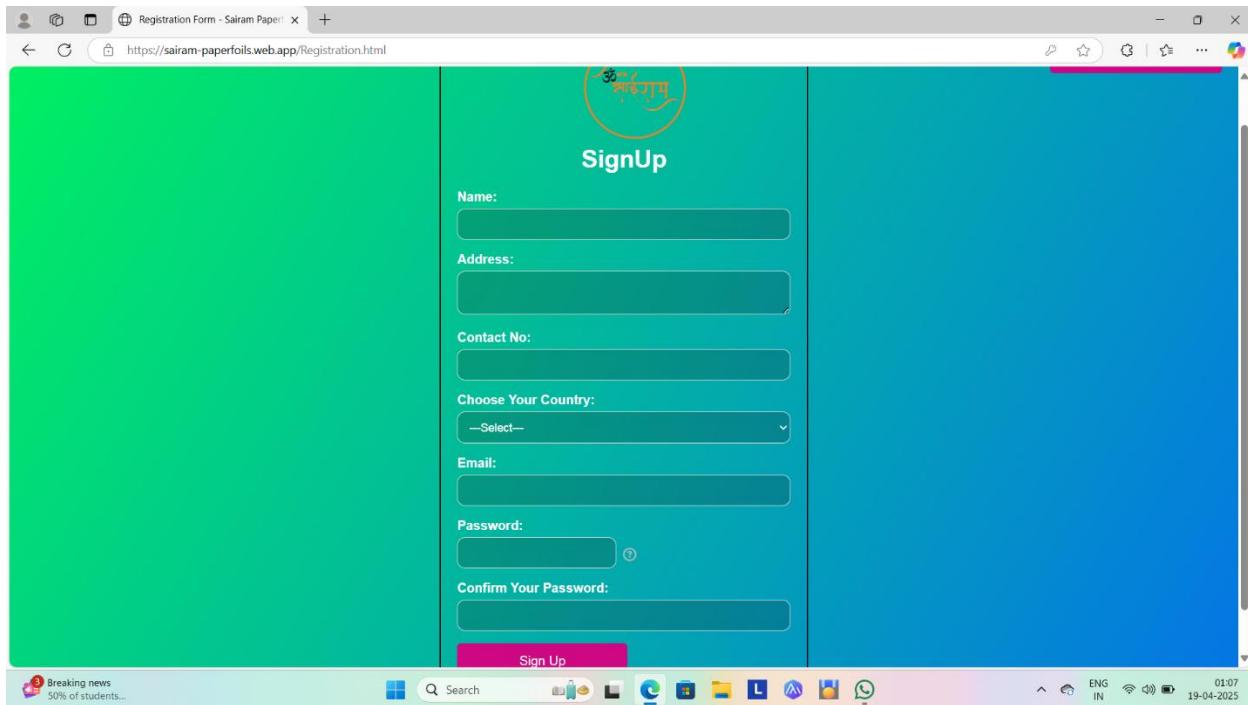
- There's a call-to-action button labeled "**Explore Collections**" encouraging users to browse their offerings.

2.Login page

- The page displays a "**Welcome Back**" message with the **SaiRam Paper Foils** logo at the top.
- It contains input fields to enter **Email** and **Password**.
- There are three main buttons: **Sign In** (blue), **Reset Password** (red), and **Create Account** (green).
- It also offers a "**Continue with Google**" option for easy sign-in.



3.SignUp page



The image you provided shows the **Sign-Up page** of the Sairam Paperfoils website. Here's a detailed description:

Sign-Up Page Overview – Sairam Paperfoil

Design & Layout

- The page features a **vertical gradient background** transitioning from green on the left to blue on the right, creating a visually appealing and modern look.
- The layout is **center-aligned** and consists of a single vertical sign-up form bordered on each side by the gradient.
- At the top-center is the **Sairam logo** with a traditional design, reinforcing brand identity.

Form Fields

The form includes the following fields for user registration:

1. **Name** – A text input field for the user's full name.
2. **Address** – A multiline input box for physical or residential address.
3. **Contact No** – A numeric field for entering a mobile or phone number.

-
- 4. **Choose Your Country** – A dropdown menu allowing the user to select their country.
- 5. **Email** – An input field for the user's email address.
- 6. **Password** – A secure password input field with an eye icon for toggling visibility.
- 7. **Confirm Your Password** – A second password field to confirm accuracy.

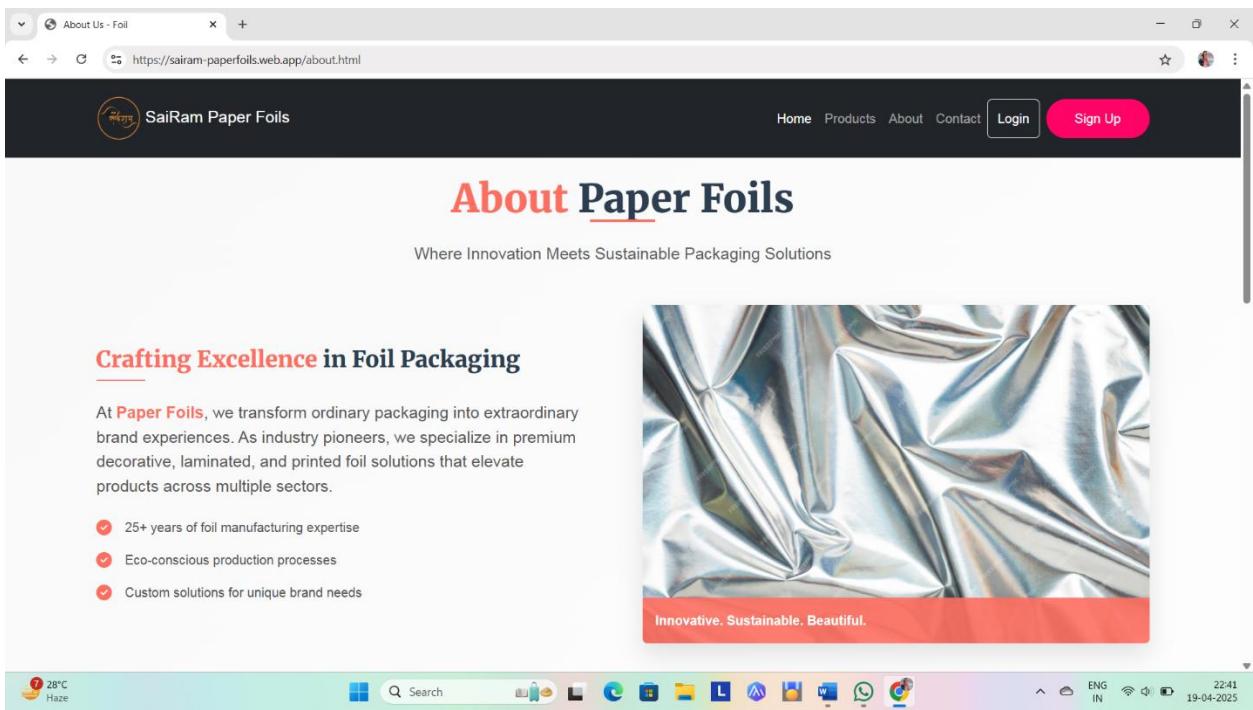
CTA Button

- A bold “**Sign Up**” button is prominently placed at the bottom in **magenta**, guiding the user toward completing the registration.

Usability & Security

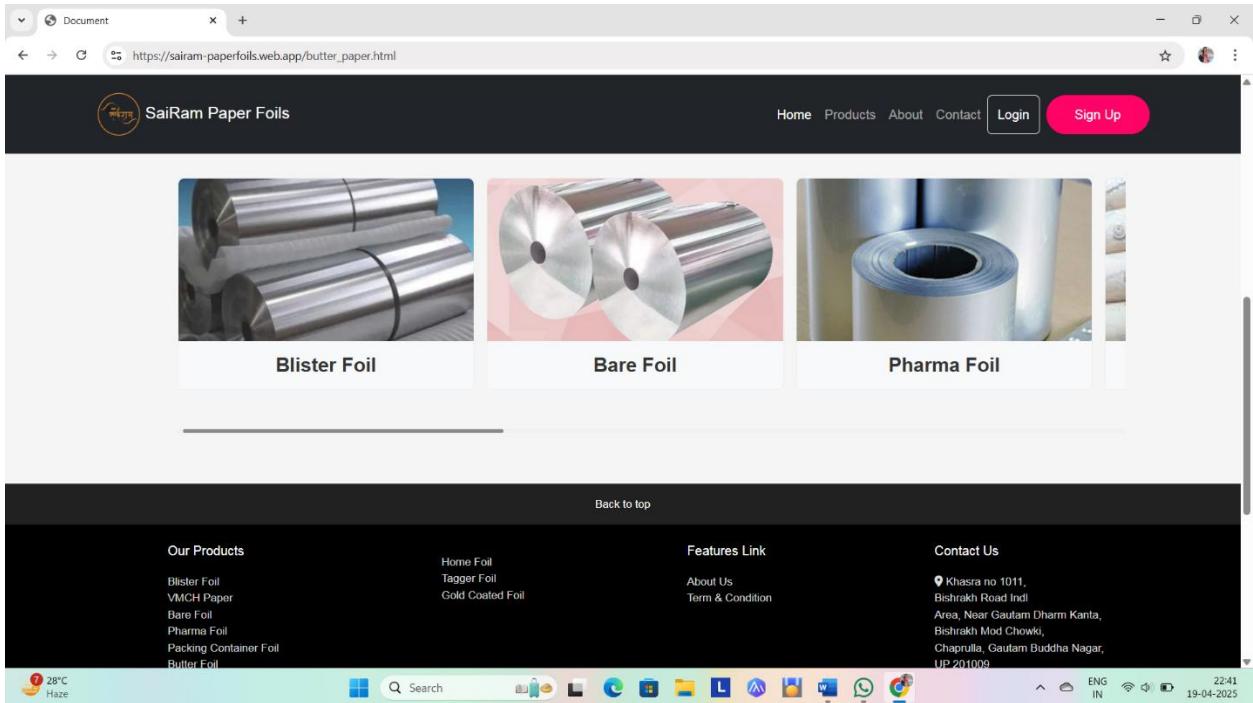
- The design suggests a focus on **user convenience** with a clear, minimalistic layout.
- The **password field** includes a visibility toggle for user ease and security verification.

4. About page



- The page introduces **SaiRam Paper Foils** with a focus on **sustainable packaging solutions**.
- The heading "**Crafting Excellence in Foil Packaging**" emphasizes their quality and innovation.

- The company highlights its expertise in **decorative, laminated, and printed foil products**.
- Key points include **25+ years of experience, eco-conscious practices, and custom branding solutions**.
- A shiny foil image with the tagline "**Innovative. Sustainable. Beautiful.**" visually supports their brand identity.



Key Features:

1. Navigation Bar:

Positioned at the top, the navigation menu includes links to:

- Home, Products, About, and Contact** pages
- A **Login** and **Sign Up** button to facilitate user account access

2. Product Showcase:

- The central part of the page features a **carousel/grid** layout of aluminum foil products, including:
 - Blister Foil**
 - Bare Foil**
 - Pharma Foil**

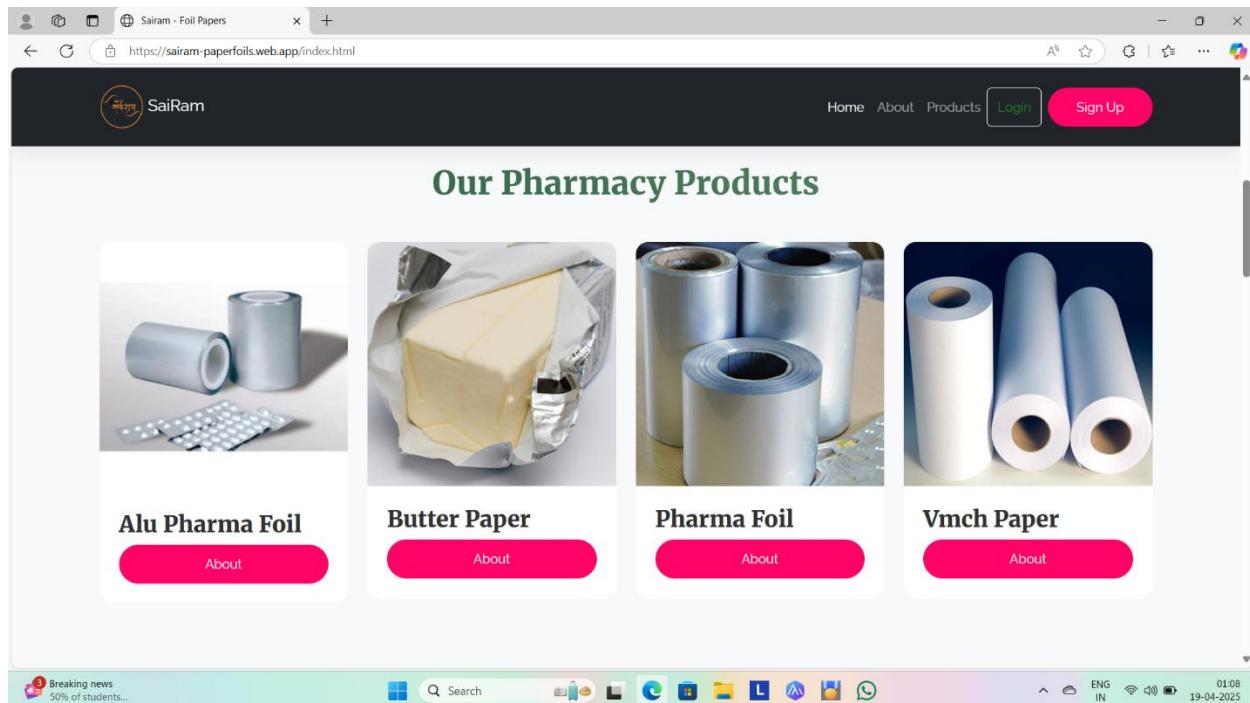
3. Footer Section:

- Divided into three categories:
 - Our Products:** List of all product categories such as VMCH Paper, Gold Coated Foil, Tagger Foil, etc.
 - Features Link:** Shortcut to About Us and Terms & Conditions
 - Contact Information:** Full address details for physical inquiries and communication

4. **Modern UI Elements:**

- The interface uses responsive cards and professional-grade images for better product visibility.
- Use of black and white background with pink accents ensures readability and brand alignment.

5. **Product page**



Key Features:

1. **Page Header:**

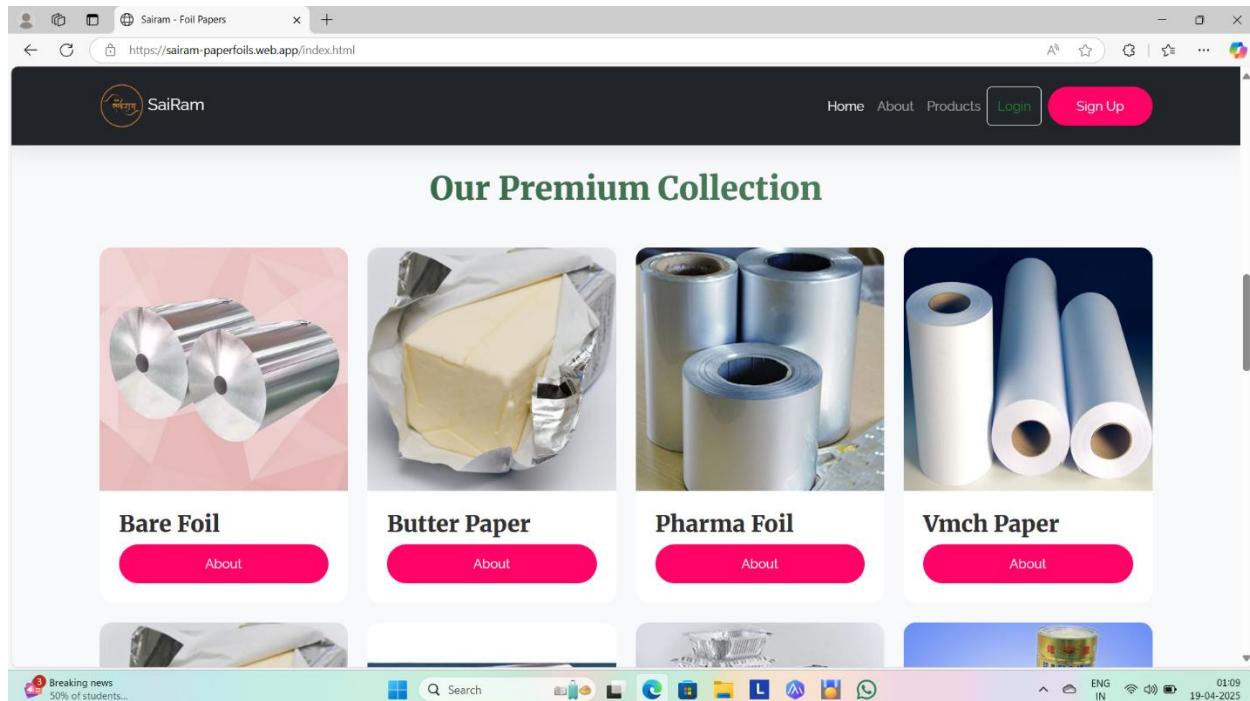
- Contains the company logo "SaiRam" on the left.
- Navigation bar on the top right includes links to:
 - **Home, About, Products**
 - **Login** and **Sign Up** buttons, with the "Sign Up" highlighted in bright pink for visibility.

2. **Main Section – Product Showcase:**

- The section is titled "**Our Pharmacy Products**" in green bold font for thematic relevance.
- Displayed in a **four-column layout**, each product is shown with a high-quality image, name, and a pink "About" button.
- Featured products include:
 - Alu Pharma Foil:** Used for pharmaceutical blister packaging.
 - Butter Paper:** Commonly used for wrapping and food packaging.
 - Pharma Foil:** Used for drug and tablet packaging.
 - VMCH Paper:** Specially coated paper for pharmaceutical labeling or industrial applications.

3. Design Aesthetics:

- The layout follows a **card-based structure**, making each product easily identifiable and visually separate.
- A consistent color theme of black, white, and pink maintains branding and readability.



SaiRam - Foil Papers

Home About Products [Login](#) [Sign Up](#)

Butter Paper

Blister Foil

Packing Container Foil

Tagger Foil



Customer Reviews

★★★★★
Best Quality
The paper quality exceeded my expectations.
Perfect for my art projects!

 Arun Kumar
Professional Artist

★★★★★
Excellent Quality
The paper quality exceeded my expectations.
Perfect for my art projects!

 Anurag Singh Kushwaha
Professional Artist

★★★★★
Good Quality
The paper quality exceeded my expectations.
Perfect for my art projects!

 Jhon
Professional Artist



- Here's a screenshot of a web page from the site **Sairam - Foil Papers** (URL: <https://sairam-paperfoils.web.app/index.html>). It features a **Customer Reviews** section displaying three review cards. Here's a description of the key elements:
-

◆ **Website Header:**

- **Logo:** Top-left corner with the name "SaiRam".
 - **Navigation Links:** "Home", "About", "Products", with buttons for **Login** (in dark green) and **Sign Up** (in bright pink).
-

Section: "Customer Reviews"

Three customer review cards are shown, each with:

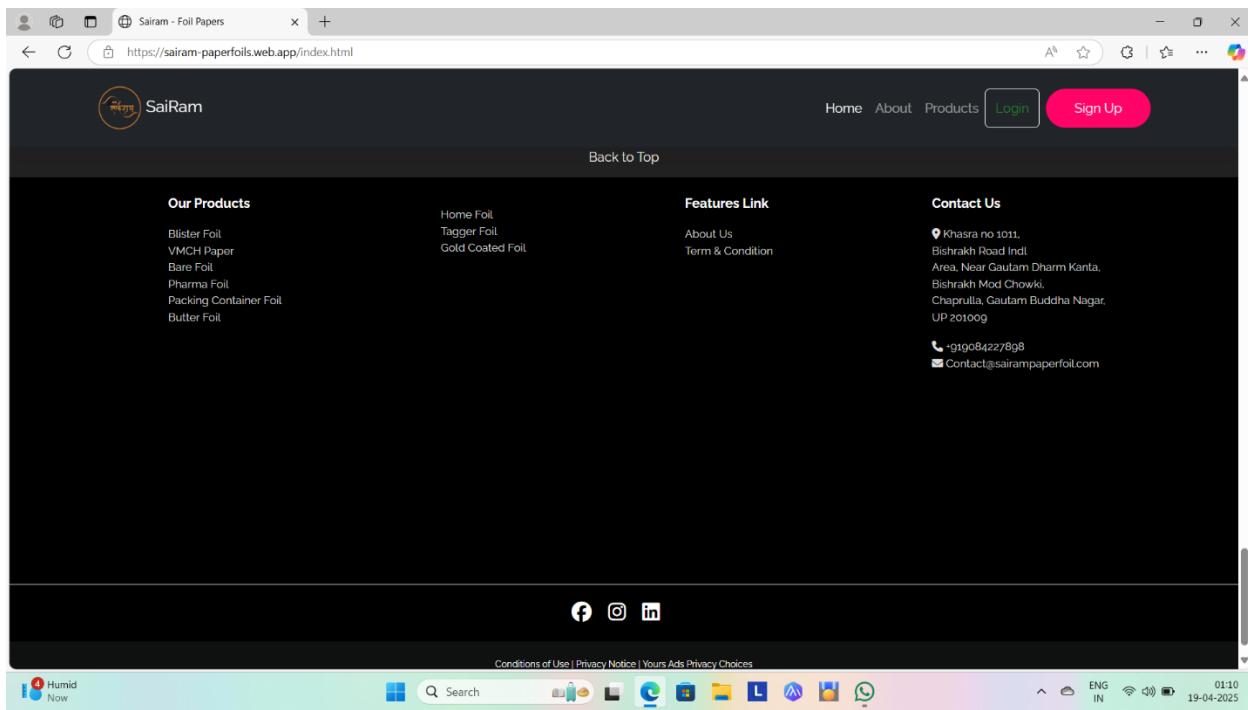
-  (Five-star rating)
- **Review Titles:**
 1. **Best Quality** – by *Arun Kumar*
 2. **Excellent Quality** – by *Anurag Singh Kushwaha*
 3. **Good Quality** – by *Jhon* (Note: the name seems to have a typo; likely intended to be "John")
- **Review Text** (identical across all three):

"The paper quality exceeded my expectations. Perfect for my art projects!"

- **Profile Icon** and designation: All reviewers are labeled as **Professional Artist**
-

▼ **Footer:**

- A centered button or link labeled **Back to Top**.



This screenshot shows the **footer section** of the **SaiRam - Foil Papers** website (<https://sairam-paperfoils.web.app/index.html>). Here's a detailed description of the content:

▼ Footer Layout (Dark Background)

Left Column: "Our Products"

A list of foil products offered:

- Blister Foil
- VMCH Paper
- Bare Foil
- Pharma Foil
- Packing Container Foil
- Butter Foil
- Home Foil
- Tagger Foil
- Gold Coated Foil

Middle Column: "Features Link"

- About Us
- Term & Condition

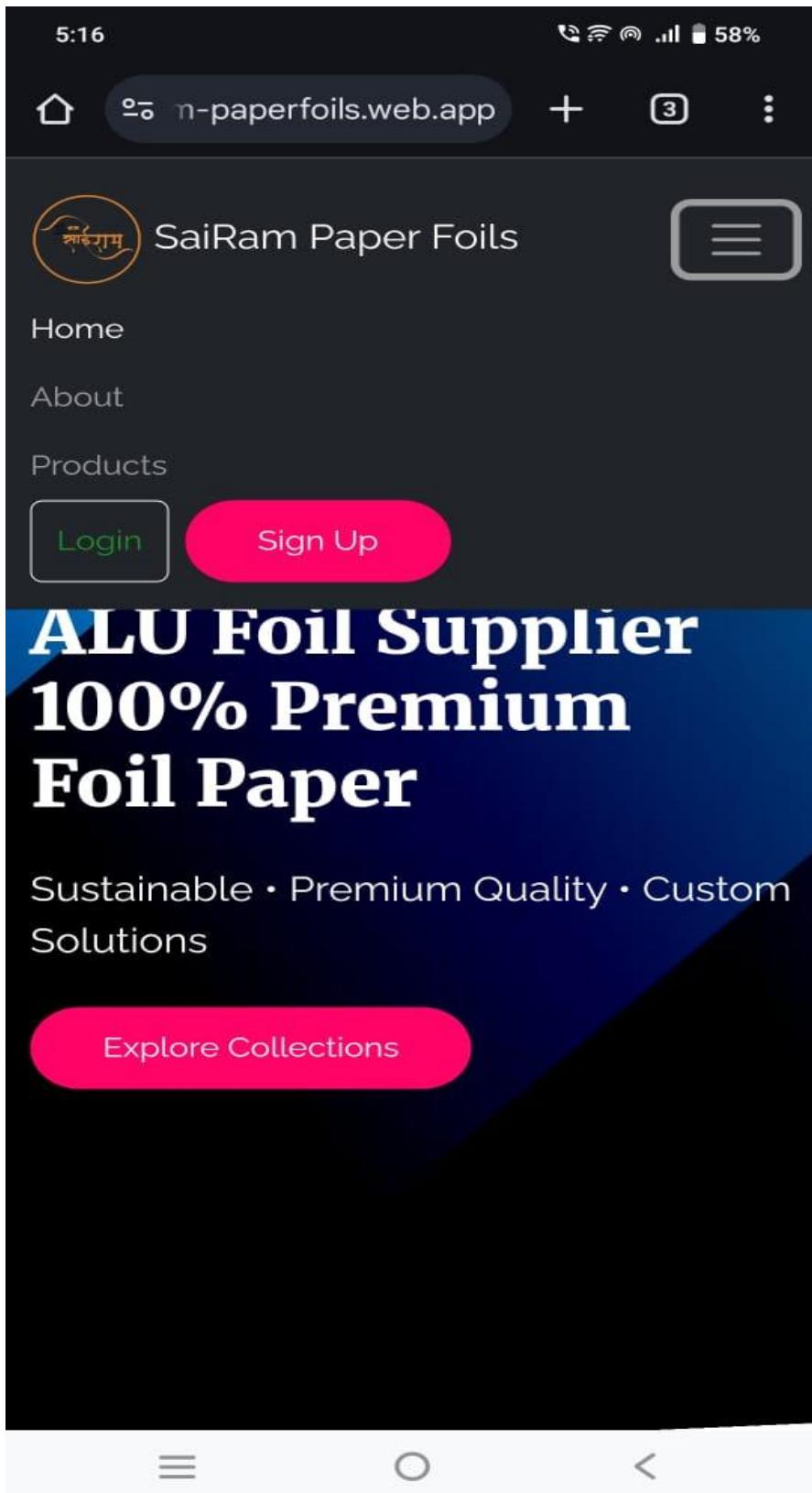
Top Link

- "**Back to Top**" (centered and just above the footer)
-

Bottom Bar

- **Social Media Icons:**
 - Facebook
 - Instagram
 - LinkedIn

(All icons are white on a black background)
- **Legal Links** (centered at the very bottom):
 - Conditions of Use
 - Privacy Notice
 - Your Ads Privacy Choices



5:17

58%



SaiRam Paper Foils



Our Pharmacy Products



Alu Pharma Foil

About



5:17

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SaiRam Paper Foils

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Our Premium Collection



Bare Foil

About



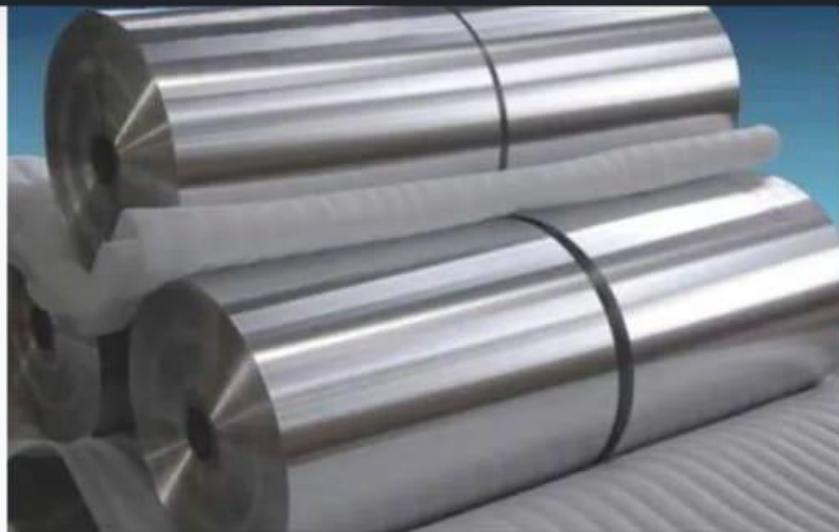
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SaiRam Paper Foils



Blister Foil

About



Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Sairam - Foil Papers</title>

    <link rel="stylesheet" href="CSS/network_style.css">

    <!-- Bootstrap 5 -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

    <!-- Google Fonts -->

    <link href="https://fonts.googleapis.com/css2?family=Merriweather:wght@900&family=Raleway:wght@400;700&display=swap" rel="stylesheet">

    <!-- Animate.css -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/4.1.1/animate.min.css">

    <!-- Custom CSS -->

    <!-- <link rel="/css/index.css" href="/styles.css"> -->

    <link rel="stylesheet" href="CSS/index.css">

    <!-- cdnjs -->

    <!-- <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css"> -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css">

    <style>

        .profile-logo {

            width: 50px;
```

```

        .
height: 50px;
border-radius: 50%;

margin-right: 0px;

}

#profileSection {
display: flex;
align-items: center;
color: rgb(63, 6, 167);
}

</style>

</head>

<body>

<!-- Updated Navigation -->

<nav class="navbar navbar-expand-lg fixed-top py-3 bg-dark navbar-dark">

<div class="container">

<div id="network-status-popup" class="popup">Please connect to a network.</div>

<a class="navbar-brand h1 mb-0" href="#">![logo](Photos/logo1.png)

```

```

        •
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="navbarNav" >
        <ul class="navbar-nav ms-auto my-0">
          <!-- Static Menu Items -->
          <li class="nav-item"><a class="nav-link active " href="index.html">Home</a></li>
          <li class="nav-item"><a class="nav-link" href="about.html">About</a></li>
          <li class="nav-item"><a class="nav-link" href="#products">Products</a></li>

          <!-- Dynamic Menu Items (Hidden by default) -->
          <li class="nav-item nav-user-details" style="display: none;">
            <a class="nav-link" href="user_details.html">Contact</a>
          </li>
          <li class="nav-item nav-update-profile" style="display: none;">
            <a class="nav-link" href="updateDetails.html">Update Details</a>
          </li>
          <li class="nav-item nav-mentorship" style="display: none;">
            <a class="nav-link" href="mentorship.html">Cust_Details</a>
          </li>
          <li class="nav-item nav-logout" style="display: none;">
            <a class="nav-link" href="index.html" id="logout">Logout <i class="fa-solid fa-right-from-bracket"></i></a>
          </li>
        </ul>

        <!-- Right Side: Login/Signup OR Profile Section -->
        <div class="d-flex gap-2">

```

```

        .
        <button class="btn btn-outline-light nav-login"><a href="login.html" style="color: #21922a;">Login</a></button>

        <button class="btn btn-sairam nav-signup"><a href="Registration.html">Sign Up</a></button>

        <!-- Profile Section (Shown After Login) -->

        <div id="profileSection" style="display: none; margin-left: 20px;">
            <span id="guestMessage">Hello</span>
            <a href="user_details.html">
                
            </a>
        </div>
    </div>
</div>
</div>
</nav>

<!-- Hero Section -->

<section class="hero" id="home">
    <div class="container">
        <div class="row align-items-center">
            <div class="col-lg-7 text-white">
                <h1 class="display-3 mb-4 animate__animated animate__fadeInDown">ALU Foil Supplier 100% Premium Foil Paper</h1>
                <p class="lead mb-4 animate__animated animate__fadeIn animate__delay-1s">Sustainable • Premium Quality • Custom Solutions</p>
                <button class="btn btn-sairam animate__animated animate__fadeInUp animate__delay-1s">
                    Explore Collections
                </button>
            </div>
        </div>
    </div>
</section>
```

- ```

 </button>

 </div>

 <!-- floating image -->

 <!-- <div class="col-lg-5 d-none d-lg-block">

 </div> -->

</div>

</div>

</div>

</section>

<!-- Pharma section -->

<section class="py-5" id="products">

 <div class="container py-5">

 <h2 class="text-center mb-5 h1 gradient-text">Our Pharmacy Products</h2>

 <div class="row g-4">

 <!-- Product Card 1 -->

 <div class="col-md-3">

 <div class="product-card hover-scale">

 <div class="p-4">

 <h3>Alu Pharma Foil</h3>

 <!-- <p class="text-muted">From Rs 120.99</p> -->

 <button class="btn btn-sairam w-100">About</button>

 </div>

 </div>

 </div>

 </div>

 </div>

</section>

```

```
•
 </div>
 </div>
<div class="col-md-3">
 <div class="product-card hover-scale">

 <div class="p-4">
 <h3>Butter Paper</h3>
 <!-- <p class="text-muted">From Rs 12.99</p> -->
 <button class="btn btn-sairam w-100">About</button>
 </div>
 </div>
 </div>
<div class="col-md-3">
 <div class="product-card hover-scale">

 <div class="p-4">
 <h3>Pharma Foil</h3>
 <!-- <p class="text-muted">From Rs 12.99</p> -->
 <button class="btn btn-sairam w-100">About</button>
 </div>
 </div>
 </div>
<div class="col-md-3">
 <div class="product-card hover-scale">

```

- ```

<div class="p-4">

    <h3>Vmch Paper</h3>

    <!-- <p class="text-muted">From Rs 12.99</p> -->

    <button class="btn btn-sairam w-100">About</button></a>

</div>

</div>

</div>

<!-- Add more product cards -->

</div>

</div>

</section>

<!-- Products Section -->

<section class="py-5" id="products">

<div class="container py-5">

    <h2 class="text-center mb-5 h1 gradient-text">Our Premium Collection</h2>

    <div class="row g-4">

        <!-- Product Card 1 -->

        <div class="col-md-3">

            <div class="product-card hover-scale">

                <a href="bare_foil.html"> 

                <div class="p-4">

```

```
•
    <h3>Bare Foil</h3>
    <!-- <p class="text-muted">From Rs 120.99</p> -->
    <button class="btn btn-sairam w-100">About</button></a>
</div>
</div>
</div>
<div class="col-md-3">
    <div class="product-card hover-scale">
        <a href="butter_paper.html"> 
            <div class="p-4">
                <h3>Butter Paper</h3>
                <!-- <p class="text-muted">From Rs 12.99</p> -->
                <button class="btn btn-sairam w-100">About</button></a>
            </div>
        </div>
    </div>
    <div class="col-md-3">
        <div class="product-card hover-scale">
            <a href="pharma_foil.html"> 
                <div class="p-4">
                    <h3>Pharma Foil</h3>
                    <!-- <p class="text-muted">From Rs 12.99</p> -->
                    <button class="btn btn-sairam w-100">About</button></a>
                </div>
            </div>
        </div>
    </div>

```

```

    .
    </div>

    <div class="col-md-3">
        <div class="product-card hover-scale">
            <a href="vamch_paper.html"> 
                <div class="p-4">
                    <h3>Vmch Paper</h3>
                    <!-- <p class="text-muted">From Rs 12.99</p> -->
                    <button class="btn btn-sairam w-100">About</button></a>
                </div>
            </div>
        </div>
        <div class="col-md-3">
            <div class="product-card hover-scale">
                <a href="butter_paper.html"> 
                    <div class="p-4">
                        <h3>Butter Paper</h3>
                        <!-- <p class="text-muted">From Rs 12.99</p> -->
                        <button class="btn btn-sairam w-100">About</button></a>
                    </div>
                </div>
            </div>
            <div class="col-md-3">
                <div class="product-card hover-scale">
                    <a href="blister_foil.html"> 
                        <div class="p-4">

```

```
•
    <h3>Blister Foil</h3>

    <!-- <p class="text-muted">From Rs 12.99</p> -->

    <button class="btn btn-sairam w-100">About</button></a>

</div>

</div>

</div>

<div class="col-md-3">

    <div class="product-card hover-scale">

        <a href="packing_cont_foil.html">

            <div class="p-4">

                <h3>Packing Container Foil</h3>

                <!-- <p class="text-muted">From Rs 12.99</p> -->

                <button class="btn btn-sairam w-100">About</button></a>

            </div>

        </div>

    </div>

    <div class="col-md-3">

        <div class="product-card hover-scale">

            <a href="tagger_foil.html">

                <div class="p-4">

                    <h3>Tagger Foil</h3>

                    <!-- <p class="text-muted">From Rs 12.99</p> -->

                    <button class="btn btn-sairam w-100">About</button></a>

                </div>

            </div>

        </div>

    </div>


```

```
        </div>
```

```
    <!-- Add more product cards -->
```

```
    </div>
```

```
  </div>
```

```
</section>
```

```
<!-- Features Section -->
```

```
<section class="bg-grey py-5">
```

```
  <div class="container py-5">
```

```
    <div class="row g-4">
```

```
      <div class="col-md-4">
```

```
        <div class="feature-icon">
```

```
          <i class="fas fa-leaf fa-2x text-white"></i>
```

```
        </div>
```

```
        <h3 class="text-center">Eco-Friendly</h3>
```

```
        <p class="text-center text-muted">100% Recycled Materials</p>
```

```
      </div>
```

```
      <div class="col-md-4">
```

```
        <div class="feature-icon">
```

```
          <i class="fas fa-leaf fa-2x text-white"></i>
```

```
        </div>
```

```
        <h3 class="text-center">Fire-Friendly</h3>
```

```
        <p class="text-center text-muted">100% Recycled Materials</p>
```

```

    .
    </div>

    <div class="col-md-4">
        <div class="feature-icon">
            <i class="fas fa-leaf fa-2x text-white"></i>
        </div>
        <h3 class="text-center">Friendly</h3>
        <p class="text-center text-muted">100% Recycled Materials</p>
    </div>
</div>
</div>
</section>

<!-- Reviews Section -->
<section class="py-5 bg-light" id="reviews">
    <div class="container py-5">
        <h2 class="text-center mb-5 h1 gradient-text">Customer Reviews</h2>
        <div class="row g-4">
            <div class="col-md-4">
                <div class="review-card">
                    <div class="rating-stars mb-3">
                        <i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i>
                    </div>
                    <h4>Best Quality</h4>
                    <p class="text-muted">The paper quality exceeded my expectations. Perfect for my art projects!</p>
                    <div class="d-flex align-items-center mt-3">

```

```
•


<div>

    <h6 class="mb-0">Arun Kumar</h6>

    <small>Professional Artist</small>

</div>

</div>

</div>

<!-- Add more review cards -->

<div class="col-md-4">

    <div class="review-card">

        <div class="rating-stars mb-3">

            <i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i>

        </div>

        <h4>Excellent Quality</h4>

        <p class="text-muted">The paper quality exceeded my expectations. Perfect for my art projects!</p>

        <div class="d-flex align-items-center mt-3">

            <div>

                <h6 class="mb-0">Anurag Singh Kushwaha</h6>

                <small>Professional Artist</small>

            </div>

        </div>

    </div>

</div>
```

- ```

 </div>

 <div class="col-md-4">
 <div class="review-card">
 <div class="rating-stars mb-3">
 <i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i><i class="fas fa-star"></i>
 </div>
 <h4>Good Quality</h4>
 <p class="text-muted">The paper quality exceeded my expectations. Perfect for my art projects!</p>
 <div class="d-flex align-items-center mt-3">

 <div>
 <h6 class="mb-0">Jhon</h6>
 <small>Professional Artist</small>
 </div>
 </div>
 </div>
 </div>
 <!-- Add more review cards -->
 </div>
</div>
</section>

<footer>
 <div class="foot-panel1">
 <button onclick="scrollToTop()" class="btn" style="color: whitesmoke;">Back to Top</button>
 </div>

```

```
•
<div class="foot-panel2">

 <p>Our Products</p>
 Blister Foil
 VMCH Paper
 Bare Foil
 Pharma Foil
 Packing Container Foil
 Butter Foil

 <p></p>
 Home Foil
 Tagger Foil
 Gold Coated Foil
 <!-- Paper Poly -->
 <!-- Milky Sachet Pouch -->

 <p>Features Link</p>
 About Us
 <!-- Certificates -->
 <!-- Contact Us -->
 Term & Condition

```

.

<ul>

<b><p>Contact Us</p></b>

<a

href="https://www.google.com/maps/place/KIET+Group+of+Institutions/@28.7546821,77.496184,17z/data=!4m6!3m5!1s0x390cf574d18f2b6f:0x4a65c0bc0122eb2f!8m2!3d28.7531817!4d77.4970664!16s%2Fg%2F1tdw1vv3?entry=ttu&g\_ep=EgoyMDI1MDMyNC4wIKXMDSoASAFQAw%3D%3D"  
target="\_blank">

<p><i class="fa-solid fa-location-dot"></i> Khasra no 1011,

<br> Bishrakh Road Indl <br>Area,

Near Gautam Dharm Kanta,<br> Bishrakh

Mod Chowki,<br> Chaprulla, Gautam Buddha Nagar,<br>

UP 201009

</p></a>

<a href="tel:+919084227898"><i class="fa-solid fa-phone"></i> +919084227898</a>

<a href="https://mail.google.com/mail/?view=cm&fs=1&to=Contact@sairampaperfoil.com" target="\_blank">

<i class="fa-solid fa-envelope"></i> Contact@sairampaperfoil.com</a>

</ul>

</div>

<div class="contact">

</div>

<!-- social media icons -->

<div class="foot-panel3">

<a href="#"><i class="fa-brands fa-facebook"></i></a>

<a href="#"><i class="fa-brands fa-instagram"></i></a>

```

 •
 <i class="fa-brands fa-linkedin"></i>

 </div>

<div class="foot-panel4">

 <div class="pages">

 Conditions of Use |

 Privacy Notice |

 Yours Ads Privacy Choices

 </div>

 <div class="copyright">

 © 2025, SaiRam, Inc. or its affiliates | Arun Kumar | Anurag S. Kushwaha | Anshu Patel

 </div>

 </div>

</footer>

```

```

<div class="loading-spinner" style="display: none;">

 <div class="spinner"></div>

</div>

<!-- Scripts -->

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

<!-- <script src="https://kit.fontawesome.com/your-kit-code.js"></script> -->

```

```
•

<script>
 // Navbar Scroll Effect

 window.addEventListener('scroll', function() {

 if (window.scrollY > 100) {

 document.querySelector('.navbar').classList.add('nav-shadow');

 } else {

 document.querySelector('.navbar').classList.remove('nav-shadow');

 }

 });

 // Smooth Scroll

 document.querySelectorAll('a[href^="#"]').forEach(anchor => {

 anchor.addEventListener('click', function (e) {

 e.preventDefault();

 document.querySelector(this.getAttribute('href')).scrollIntoView({

 behavior: 'smooth'

 });

 });

 });

 // Animation on Scroll

 const observer = new IntersectionObserver((entries) => {

 entries.forEach(entry => {

 if (entry.isIntersecting) {

 entry.target.classList.add('animate__fadeInUp');

 }
 })
 })
```

```

 .
 });
}

});

document.querySelectorAll('.product-card').forEach((el) => {
 observer.observe(el);
});

</script>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

<script>
 // Previous JavaScript remains

 // Initialize tooltips

 const tooltipTriggerList = document.querySelectorAll('[data-bs-toggle="tooltip"]')

 const tooltipList = [...tooltipTriggerList].map(tooltipTriggerEl => new
bootstrap Tooltip(tooltipTriggerEl))

</script>

<script>
 // Newsletter Form

 // document.getElementById('newsletterForm').addEventListener('submit', async (e) => {
 // e.preventDefault();
 // showLoading();

 // try {
 // const response = await fetch(e.target.action, {
 // method: 'POST',
 // body: new FormData(e.target),

```

```

.
// headers: {
// 'Accept': 'application/json'
// }
// });

// if (response.ok) {
// document.querySelector('.success-message').style.display = 'block';
// e.target.reset();
// }
// } catch (error) {
// console.error('Error:', error);
// } finally {
// hideLoading();
// }
// });

// const newsletterForm = document.getElementById('newsletterForm');

// if (newsletterForm) {
// newsletterForm.addEventListener('submit', async (e) => {
// e.preventDefault();
// showLoading();

// try {
// const response = await fetch(e.target.action, {
// method: 'POST',
// body: new FormData(e.target),
// headers: {

```

```
// 'Accept': 'application/json'

// }

// });

// if (response.ok) {

// document.querySelector('.success-message').style.display = 'block';

// e.target.reset();

// }

// } catch (error) {

// console.error('Error:', error);

// } finally {

// hideLoading();

// }

// });

// } else {

// console.warn("Warning: 'newsletterForm' not found in DOM.");

// }

// Cart Functionality

let cart = [];

document.querySelectorAll('.add-to-cart').forEach(button => {

 button.addEventListener('click', () => {

 const productId = button.dataset.product;

 cart.push(productId);

 updateCartCount();

 });

});

});
```

```
•

function updateCartCount() {
 document.querySelector('.cart-count').textContent = cart.length;
}

// Stripe Payment

// const stripe = Stripe('your_publishable_key');
// document.getElementById('checkoutButton').addEventListener('click', async () => {
// showLoading();

// try {
// const response = await fetch('/create-checkout-session', {
// method: 'POST',
// body: JSON.stringify({ items: cart })
//);

// const session = await response.json();
// const result = await stripe.redirectToCheckout({ sessionId: session.id });

// if (result.error) {
// alert(result.error.message);
// }
// } catch (error) {
// console.error('Error:', error);
// } finally {
// hideLoading();
// }
}
```

```

 .
// });

// function showLoading() {
// document.querySelector('.loading-spinner').style.display = 'flex';
// }

// function hideLoading() {
// document.querySelector('.loading-spinner').style.display = 'none';
// }

// </script>

<script type="module" src="js/network_script.js"></script>
<script type="module" src="js/Index_visibility.js"></script>
<script type="module" src="js/getName_Image.js"></script>

<script>

 function scrollToTop() {
 window.scrollTo({ top: 0, behavior: 'smooth' });
 }

</script>

</body>

</html>

<!-- <!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Sai Ram PaperFall WebSite</title>

```

```

 .
</head>

<body>

 <h1>Welcome to Sai Ram PaperFall WebSite</h1>

 <p>Click on the below links to navigate to the respective pages</p>

 User Details

 Reset Password

 Show Popup

 Custom Confirm Dialog

 Get Image

 Signup

 mentorship

</body>

</html> -->

```

## Page 2 (LOGIN)

---

```

<!DOCTYPE html>
<html lang="en">

 <head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Login- Sairam</title>
 <link rel="stylesheet" href="CSS/network_style.css">
 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">
 <link rel="icon" type="image/x-icon" href="Photos/logo.jpeg">
 <style>
 /* Modern Gradient Background */
 body {
 margin: 0;
 padding: 0;

```

```
•
 min-height: 100vh;
 display: flex;
 justify-content: center;
 align-items: center;
 background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
 font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

/* Form Container */
.form-container {
 background: rgba(255, 255, 255, 0.95);
 padding: 2.5rem;
 border-radius: 20px;
 box-shadow: 0 8px 32px rgba(0, 0, 0, 0.1);
 width: 100%;
 max-width: 450px;
 transition: transform 0.3s ease;
}

.form-container:hover {
 transform: translateY(-5px);
}

/* Logo Styling */
.form-container img {
 display: block;
 margin: 0 auto 0rem;
 width: 120px;
 height: auto;
}

/* Form Elements */
h2 {
 text-align: center;
 color: #2d3748;
 margin-bottom: 2rem;
 font-size: 2rem;
}

form {
 display: flex;
```

```
 •
 flex-direction: column;
 gap: 0.75rem;
 }

label {
 font-weight: 600;
 color: #4a5568;
 margin-bottom: 0.5rem;
}

input {
 padding: 1rem;
 border: 2px solid #e2e8f0;
 border-radius: 8px;
 font-size: 1rem;
 transition: border-color 0.3s ease;
}

input:focus {
 outline: none;
 border-color: #667eea;
 box-shadow: 0 0 0 3px rgba(102, 126, 234, 0.1);
}

/* Button Styles */
#login_btn {
 display: flex;
 gap: 1rem;
 margin-top: 1rem;
}

button {
 padding: 1rem 2rem;
 border: none;
 border-radius: 8px;
 font-weight: 600;
 cursor: pointer;
 transition: all 0.3s ease;
 flex: 1;
}
```

```
.
button[type="submit"] {
 background: #667eea;
 color: white;
}

button[type="submit"]:hover {
 background: #5a67d8;
}

button[type="button"] {
 background: #f56565;
 color: white;
}

button[type="button"]:hover {
 background: #e53e3e;
}

/* Links Section */
p {
 text-align: center;
 margin: 1.5rem 0;
 color: #4a5568;
}

p a button {
 background: #48bb78;
 margin-left: 0.5rem;
}

p a button:hover {
 background: #38a169;
}

#googlelogin {
 width: 100%;
 background: #fff;
 color: #2d3748;
 border: 2px solid #e2e8f0;
 display: flex;
 align-items: center;
```

```

 justify-content: center;
 gap: 0.5rem;
 }

#googlelogin:hover {
 border-color: #cbd5e0;
 background: #f7fafc;
}

/* Loader Animation */
.loader {
 border: 3px solid #f3f3f3;
 border-top: 3px solid #667eea;
 border-radius: 50%;
 width: 50px;
 height: 50px;
 animation: spin 1s linear infinite;
 position: fixed;
 top: 50%;
 left: 50%;
 transform: translate(-50%, -50%);
 z-index: 1000;
 display: none;
}

@keyframes spin {
 0% { transform: translate(-50%, -50%) rotate(0deg); }
 100% { transform: translate(-50%, -50%) rotate(360deg); }
}

/* Popup Styles */
.popup {
 position: fixed;
 top: 20px;
 left: 50%;
 transform: translateX(-50%);
 background: #fff;
 padding: 1rem 2rem;
 border-radius: 8px;
 box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
 z-index: 1001;
}

```

```

 .
 display: none;
 }

/* Responsive Design */
@media (max-width: 480px) {
 .form-container {
 margin: 1rem;
 padding: 1.5rem;
 }

 #login_btn {
 flex-direction: column;
 }

 button {
 width: 100%;
 }
}

</style>
</head>

<body>
 <!-- Loader Elements -->
 <!--
 <div id="preloader"></div> -->

 <!-- Network Status Popup -->
 <div id="network-status-popup" class="popup">Please connect to a network.</div>

 <div id="autoClosePopup" class="popup" style="display: none;">

 </div>

 <!-- Login Form -->
 <div class="form-container" id="login-form">

 <h2>Welcome Back</h2>
 <form id="loginForm">
 <label for="login-email">Email:</label>

```

- ```

<input type="email" id="login-email" required placeholder="Enter your email">

<label for="login-password">Password:</label>
<input type="password" id="login-password" required placeholder="Enter your password">

<div id="login_btn">
  <button type="submit">Sign In</button>
  <a href="reset_password.html">
    <button type="button">Reset Password</button>
  </a>
</div>
</form>

<p>Don't have an account? <a href="Registration.html"><button>Create Account</button></a></p>

<button id="googlelogin" type="submit">
  <i class="fab fa-google"></i>
  Continue with Google
</button>
</div>

<!-- Scripts (retained exactly as original) -->
<!-- <script type="module" src="js/network_script.js" defer></script> -->
<script type="module" src="js/network_script.js"></script>
<script type="module" src="js/login.js" defer></script>
<script type="module" src="js/showPopUp.js" defer></script>
<script type="module" src="js/firebase_initialization.js" defer></script>
<script type="module" src="js/loginwith_google.js" defer></script>
<script type="module" src="js/registration.js" defer></script>
<script src="js/loader.js"></script>
<!-- <script>
  // Retained original JavaScript functionality
  document.getElementById("loginForm").addEventListener("submit", function (event) {
    event.preventDefault();
    const errorMessage = document.getElementById("errorMessage");
    const email = document.getElementById("login-email").value.trim();
    const password = document.getElementById("login-password").value.trim();

    if (!email || !password) {
      errorMessage.textContent = "Please fill in all fields.";
    }
  });
-->
```

```

        }
        errorMessage.style.display = "block";
        stopLoader();
        return;
    }

    startLoader();

    setTimeout(() => {
        if (email !== "test@example.com" || password !== "password123") {
            errorMessage.textContent = "Invalid email or password.";
            errorMessage.style.display = "block";
            stopLoader();
        } else {
            window.location.href = "/html/dashboard.html";
        }
    }, 2000);
});

function startLoader() {
    document.getElementById("buttonLoader").style.display = "inline-block";
    document.getElementById("buttonText").style.display = "none";
}

function stopLoader() {
    document.getElementById("buttonLoader").style.display = "none";
    document.getElementById("buttonText").style.display = "inline";
}
</script> -->
</body>

</html>

```

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Chapter 7

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