

Software Feature Requirement Specification (Draft)

Project: Siraj Paper Store Website

Date: 02 Nov, 2024

Version: 1.0

1. Introduction

Siraj Paper Store requires a minimalistic, user-friendly website to showcase its products and services. The website will serve as a digital storefront, providing customers with easy navigation, detailed information about the store, and a modern product gallery that automatically updates with new images. This document outlines the specific feature requirements for the website's functionality and design.

2. Website Pages / Navigation Tabs

The website will have four main navigation tabs, each with specific requirements to enhance user experience:

1. **Home**
 2. **Products**
 3. **About Us**
 4. **Contact Us**
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3. Page-Wise Functional Requirements

3.1 Home Page

- **Objective:** The main entry point for the website, providing an overview of the store and its offerings.
- **Content Requirements:**
 - **Tagline:** Display the store's tagline prominently at the top of the page.
 - **About Section:** A brief description of Siraj Paper Store, summarizing its mission and values.

- **Links to Other Pages/Services:**
 - Short descriptions and links to each main section:
 - Products: Briefly describe the types of paper and categories offered.
 - About Us: Link to company history and background.
 - Contact Us: Direct users to contact details for inquiries.
- **Design Requirements:**
 - Simple, clean layout.
 - Visual hierarchy to draw attention to tagline and descriptions.
 - **Responsive Design:** The layout should adjust for both mobile and desktop users.

3.2 Products Page

- **Objective:** Display different categories of paper products in a way that allows users to browse and view individual items seamlessly.
- **Functional Requirements:**
 - **Category Thumbnails:**
 - Initially display 5-10 product categories (e.g., Art Paper, Copier Paper, Kraft Paper).
 - Each category should be represented by a thumbnail image.
 - **Dynamic Image Gallery:**
 - Upon selecting a category thumbnail, dynamically load images from a designated folder associated with that category.
 - Any changes in the folder (e.g., adding or deleting images) should automatically reflect in the gallery.
 - **Image Interaction:**
 - Images in the gallery should be clickable.
 - **Pop-Up View:** Clicking an image will open it in a pop-up view that darkens the background. Clicking outside the pop-up will close it.
 - **Smooth Transitions:** Transition animations for switching between categories, loading new images, and pop-up displays should be smooth and modern.
 - **Payment Methods and Purchase Inquiry Section:**
 - Briefly list available payment methods.
 - Provide a link to the Contact Us page for purchasing inquiries.
 - **Map Location Section:**
 - Embed a Google Maps view of the store's location.
- **Design Requirements:**
 - **Responsive Gallery:** The image gallery should adjust layout based on screen size.
 - **Dynamic Image Loading:** Images should load seamlessly as users navigate between categories.
 - **Image Arrangement:** Images should be arranged dynamically, with grid-based arrangement recommended.

3.3 About Us Page

- **Objective:** Present the history and background of Siraj Paper Store in an engaging, informative format.
- **Content Requirements:**
 - **Company History:** Describe the origins of Siraj Paper Store, including its founding year and milestones.
 - **Founder/Pioneer Section:** Profile the store's founder or current owner, with highlights of their contributions and vision for the company.
 - **Notable Employees/Partners:** Optionally, list past successful employees or partners who played a role in the company's growth.
- **Design Requirements:**
 - **Visual Layout:** Content should be organized in sections with clear headings, using text and images to break up the content.
 - **Responsive Design:** Ensure that text and images scale appropriately on all devices.

3.4 Contact Us Page

- **Objective:** Provide visitors with the necessary contact information and payment details to reach out to Siraj Paper Store for inquiries or purchases.
 - **Content Requirements:**
 - **Contact Information:**
 - Phone numbers
 - Email address
 - WhatsApp number
 - **Payment Methods Section:** Repeat the list of available payment methods from the Products page.
 - **Map Location:** Embed a Google Map showing the store's exact location for easier navigation.
 - **Design Requirements:**
 - **Clean Layout:** Information should be arranged logically and clearly.
 - **Map Embed:** Google Maps should be fully responsive and interactive.
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4. Design & User Experience Requirements

- **Minimalist Style:** The website should have a clean, modern design that enhances readability and navigability.
- **Smooth Transitions:** Transitions between pages, category loads, and image pop-ups should be seamless and visually appealing.
- **Responsive Design:** All pages, images, and elements should adjust based on screen size to provide a consistent user experience across desktops, tablets, and mobile devices.

- **High-Quality Images:** Images in the Products section should be high-resolution and optimized for quick loading.
 - **SEO Optimization:** Basic SEO elements (e.g., title tags, meta descriptions) should be in place for each page to help the site rank in search engines.
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5. Technical Requirements

- **CMS Integration for Content Management:**
 - Utilize a CMS or backend that supports dynamic folder integration for the Products page gallery to update images automatically.
 - **Image Management:**
 - Images should be stored in specific category folders. Any additions or deletions from these folders should update the gallery in real time.
 - **Interactive Map Integration:**
 - Embed Google Maps for store location on the Products and Contact Us pages.
 - **Payment Methods Section:**
 - This section should be modular, easily updated, and displayed on both the Products and Contact Us pages.
 - **Pop-Up Image Viewer:**
 - Use JavaScript or CSS for the pop-up image viewer, ensuring smooth animations and easy exit options.
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6. Security Requirements

- **Data Protection:** Use HTTPS for data security.
 - **Anti-Spam Measures:** Implement basic anti-spam measures on forms and Contact Us inputs.
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7. Testing Requirements

- **Cross-Browser Compatibility:** Ensure website functionality and design are consistent across all major browsers (Chrome, Firefox, Safari, Edge).
 - **Responsive Testing:** Verify that all elements resize and adjust for mobile, tablet, and desktop.
 - **Load Speed Testing:** Optimize images and scripts for minimal loading time.
 - **Functional Testing:** Test each feature, including image loading, pop-ups, map location, and dynamic content updating.
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8. Maintenance & Future Enhancements

- **Content Updates:** Routine updates for product images in the Products gallery, and updates to About Us and Contact Us as necessary.
- **Future Enhancements:** Potential integration with an online ordering system or e-commerce platform based on demand.