**Software Requirement Specification (SRS) Template**

Title: Popees Baby Care Website

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1. Introduction

* **Purpose**: The purpose of this document is to outline the software requirements for the development and testing of the Popees Baby Care website. It aims to articulate the functional and non-functional needs essential to create a robust online platform dedicated to showcasing and retailing an exclusive range of quality baby care products.
* **Scope**: The website's scope includes an extensive range of product listings and categories specifically curated for baby care essentials, fostering an intuitive and user-friendly shopping experience. It distinctly excludes any provision for the purchase, display, or sale of adult clothing items. This delineation ensures a dedicated platform solely catering to the diverse needs of parents seeking top-quality baby care products while upholding Popees Baby Care's brand commitment to excellence and specialization in infant care merchandise.
* **Background**: Popees Baby Care is a highly respected brand in the baby care industry, known for its commitment to providing top-quality products that combine both style and safety. Their focus on creating innovative and safe baby care solutions has made them a trusted choice for parents who seek reliable and stylish products to care for their babies. Popees reputation for excellence stems from its dedication to delivering premium-quality items for the well-being of infants.

2. Functional Requirements

* **Requirement 1**: **User Registration**
* The system should provide a user registration interface allowing new customers to sign up by providing necessary information such as name, email address, password, and other required details to log in securely.
* **Requirement 2**: User **Login**
* Users who have registered can log in securely using their credentials.
* **Requirement 3**: Search Products
* The system should provide for a search option prominently displayed on the website's interface to allow users to type keywords or product names for searching.
* **Requirement 4**: **Product Filtering**
* The website should offer filter options allowing users to refine product searches based on various criteria, including:
* Size: Users can filter products based on available sizes (e.g., xs,

s, l, xl,1-3M).

* Price Range: Users can set price ranges to filter products within their budget. (e.g., Rs. 0.00 - 999.00)
* Rating: Users can filter products based on customer ratings or reviews.
* Color: Users can filter products by preferred colors (e.g., red, blue, green).
* Selected filters should update search results dynamically, displaying products that match the specified criteria.
* **Requirement 5**: **Wishlist Functionality**
* Users should have the capability to add products to their Wishlist by selecting the "Add to Wishlist" option displayed alongside each product.
* Wishlist items should be removable, allowing users to remove products from the Wishlist as desired.
* The system should feature a dedicated section or page where users can view all items added to their Wishlist.
* Users should be able to access this Wishlist section easily from their account or through a visible link/icon on the website.
* **Requirement 6**: **Shopping Cart Management**
* Users should have the capability to add products to their shopping cart by selecting the "Add to Cart" option displayed alongside each product.
* Shopping cart items should be removable, enabling users to remove products from the cart as needed.
* **Requirement 7**: Payment Processing
* The system should support various payment methods, including credit/debit cards, digital wallets, and cash payments at the hotel.
* It should securely process payments and generate invoices or receipts.
* **Requirement 8**: **Product Availability Status**
* Each product displayed on the website should have a visible indication of its availability status, such as "In Stock," "Out of Stock," or "Low Stock."
* Availability status should be prominently displayed near the product information to inform users about the product's current availability.
* **Requirement 9: User Interaction with Product Reviews**
* Users should have the ability to mark product reviews as "helpful" to indicate their usefulness in aiding purchasing decisions.
* The system should display the count of helpful marks received by each review.
* Users should be able to add reviews and feedbacks about the purchased product.
* **Requirement 10:** Compare Products
* Users should be able to select multiple products and add them to a comparison list or page.
* The system should display a dedicated "Compare" button or icon alongside each product for users to initiate the comparison process.
* Upon selecting products for comparison, the system should generate a comparison page displaying the selected products side-by-side with their specifications, features, or attributes.
* The comparison page should feature a "Print" option, allowing users to print the comparison details directly from the webpage.
* **Requirement 11:** Customer Support
* The website should provide a dedicated section or page allowing users to contact customer services. This section should include:
* A contact form with fields for name, email, subject, message, and possibly attachment for users to submit their queries or concerns.
* Users should have the ability to report problems or issues they encounter while navigating the website or using its features.

**3. Non-Functional Requirements**

* **Requirement 1:** Intuitive User Interface
* The website's interface should be designed intuitively, ensuring ease of navigation and product purchase for users, irrespective of their technical expertise.
* **Requirement 2:** Fast Website Loading
* The website should load quickly to ensure a smooth and efficient shopping experience for users, reducing waiting times and enhancing user satisfaction.
* **Requirement 3:** Security of User Data
* Ensure robust security measures to protect user data, including personal and payment information, by implementing encryption protocols and stringent data security practices.
* **Requirement 4:** Implementation of Load Balancing and Caching
* Implement load balancing and caching mechanisms to optimize website performance, ensuring scalability during peak traffic periods and improving overall responsiveness.

**4. Use Cases**

* **Use Case 1:** User canBrowse, Select, and Purchase Products
* Users can browse and search for products, add items to their shopping cart, and complete the purchase process seamlessly.
* **Use Case 2:** User canView Order History and Account Management
* Registered customers can view their order history and manage account details such as personal information and preferences.
* **Use Case 3:** User canPrevent Adding Out-of-Stock Items
* Users are prevented from adding out-of-stock items to their shopping cart to avoid inaccuracies in stock levels.
* **Use Case 4:** User canConfirm Order and Initiate Payment
* Users confirm their order details and initiate the secure payment process through the website.
* **Use Case 5:** User canProduct Return or Refund Request
* Customers can initiate a return or request a refund for a product through the website, following the specified return policy.

**5. Constraints**

* **Constraint:** Payment Processing Constraints
* Transaction processing times are reliant on the performance and availability of the payment service provider.
* **Constraint:** Technology Compatibility
* The website is designed for compatibility with modern web browsers, potentially experiencing performance issues with outdated browser versions.
* **Constraint:** Product Availability
* Delays in updating stock levels might cause disparities between actual product availability and the information displayed on the website.

**6. Assumptions and Dependencies**

* **Dependency:** Payment Gateway
* The system depends on third-party payment gateways for secure processing of user payments. Reliance on the availability and functionality of these gateways is critical.
* **Assumption:** User Connectivity and Access
* Users are assumed to have consistent and reliable internet connectivity to access the website without interruptions for browsing, product selection, and transactions.