**Software Requirement Specification (SRS) Template**

Title: Ajio online shopping.

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1. Introduction

* **Purpose**: The goal of Ajio shopping platform is to provide user friendly and efficient online shopping experience.
* **Scope**: In This project include User Management, Online shopping, Ordering product, Payment processing and delivery, User review and feedback, Global Reach, etc. This will not cover any technical infrastructure, UI / UX design etc.
* **Background**: Ajio is one of the leading shopping platforms to provide affordable rate and quality products worldwide.

2. Functional Requirements

* **Requirement 1**: User Registration and Login
* User should be able to register and login by providing their personal information securely.
* **Requirement 2**: Search for products.
* User should be able to search for different products based on several criteria such as gender, type of product.
* The search should recommend the relevant products as well as top choice products to make searching easier.
* The platform should display different products appropriate to the search.
* **Requirement 3**: Multiple Category for products.
* User should be able to select products under different section based on gender, type of product.

* **Requirement 4**: Adding product to cart.
* User should be able to move the products which they would like to buy to the cart.
* Cart should be able to retain the added products so that user could purchase those products later also.
* **Requirement 5**: Order and Payment Processing.
* User should be able to order the product using various payment methods, including credit/debit cards, digital wallets, and cash on delivery also.
* It should securely process payments and generate invoices or receipts.
* **Requirement 6:** Share product.
* User should be able to share the product within different social platforms such as twitter.
* **Requirement 7:** Recommendations.
* Provide product recommendations according to user’s latest purchase.
* **Requirement 8:** Order tracking and cancelling.
* User should be able to track their order or cancel the order they have placed.
* **Requirement 9:** Customer care.
* Provide a support system for user to contact customer service for any concerns, inquiries, problem resolution, and assistance.
* User should be provided the FAQs also
* **Requirement 10:** Ajioluxe
* Provide an option for the user to shop luxury items.

4. Non-Functional Requirements

* **Requirement 1:** Security
* Authentication and authorization requirements for users and staff.
* Encryption standards for sensitive data, such as payment information.
* **Requirement 2**: Performance.
* Response Time: The maximum acceptable response time for various operations (e.g., search, order, cancellation).

4. Use Cases

* **Use Case 1**: User Registration/update profile.
* A new user can create an account by providing personal information, such as username, email, and password. The system stores this information for future authentication and personalization. Also, the existing user must be able to edit their profile.
* **Use Case 2**: Search item.
* User can search and find items along with related items. User can also sort the results.
* **Use Case 3**: Purchasing an item.
* User can add an item to cart and proceed to place an order.
* **Use Case 4**: Make a Payment.
* The system interacts with payment gateways to process transactions securely, ensuring payment is made and confirmed.
* **Use Case 5**: Track order or Cancel order.
* User can cancel an order or track an order.

5. System Architecture

* **Architecture Overview**: 3 tier architecture. UI, API to request.
* **Data Model**: RDBMS.

6. Constraints

* **Constraint 1**: **Data Security and Privacy Constraints**.
* AJIO must adhere to data protection laws and privacy regulations such as, secure handling of customer information and transaction data.
* **Constraint 2**: **Performance Constraints.**
* Performance requirements, such as page load times and server response times, that the AJIO platform must meet to provide a seamless shopping experience.
* **Constrain 3:** **Mobile Device Constraints**.
* AJIO may have specific requirements for mobile device compatibility, and the platform should be optimized for various devices and screen sizes.

7. Assumptions and Dependencies

* **Dependency 1**: Payment Gateway
* The system relies on third-party payment gateways for processing customer payments securely. Dependencies on the availability and functionality of these gateways are critical.
* **Assumption 1**: User Authentication
* Users are assumed to have valid email addresses or mobile phone numbers that can be used for registration and authentication. Users are also assumed to provide accurate information during registration.