# Requirements Gathering

## 1. Introduction

Requirements gathering is a crucial phase in system development that involves identifying and documenting the needs of stakeholders. This document outlines the functional and non-functional requirements necessary for developing an online perfume store.

## 2. Functional Requirements

The following are the key functional requirements for the online perfume store:

• User Registration and Login: Customers must be able to create an account and log in securely.  
• Product Catalog: The system should display perfume categories, brands, and product details.  
• Shopping Cart: Users should be able to add/remove products and view the cart summary.  
• Secure Checkout: Integration with secure payment gateways such as PayPal or Stripe.  
• Order Management: Users can track their orders and view purchase history.  
• Customer Reviews & Ratings: Customers can leave reviews and rate products.  
• Search and Filter: Users can search perfumes by brand, category, or price range.  
• Admin Panel: Admins should manage products, orders, users, and promotional offers.

## 3. Non-Functional Requirements

The system should also meet the following non-functional requirements:

• Performance: The website should load within 3 seconds for optimal user experience.  
• Security: Users' personal and payment data must be encrypted and protected.  
• Scalability: The system should handle a large number of users and transactions.  
• Compatibility: The website should be responsive and work on all devices (PC, mobile, tablets).  
• Availability: The system should have at least 99.9% uptime.

## 4. Stakeholders

The key stakeholders in this project include:

• Customers: End-users who purchase perfumes from the online store.  
• Admins: Manage store operations, products, and orders.  
• Payment Providers: Third-party services for processing payments securely.  
• Developers: Responsible for building and maintaining the website.

## 5. Requirement Gathering Techniques

To ensure comprehensive requirements collection, the following techniques will be used:

• Interviews: Discussions with potential customers and stakeholders.  
• Surveys: Collecting feedback on features and user preferences.  
• Competitor Analysis: Studying existing e-commerce perfume stores.  
• Prototyping: Creating wireframes and mockups to validate ideas.

## 6. Conclusion

The collected requirements will serve as the foundation for developing a high-quality, user-friendly perfume e-commerce platform. Proper analysis and validation of these requirements will ensure the success of the project.