

# Online Perfume Shop Requirements

## Introduction

### Purpose

The purpose of this document is to outline the requirements for the development of an online perfume shop. This document will serve as a guideline for the design, development, and testing of the online store to ensure that it meets the business and technical objectives.

### Scope

This project aims to create an e-commerce platform for selling perfumes online. The platform will allow customers to browse, search for, and purchase a wide range of perfumes. Additionally, it will provide administrative tools for managing products, orders, and customer data.

## Business Requirements

### Business Goals

- Establish an online presence for the perfume shop.
- Increase sales and revenue through online sales channels.
- Provide a user-friendly and secure shopping experience.
- Build customer loyalty through personalized experiences and customer support

### Target Audience

The primary target audience includes perfume enthusiasts, gift shoppers, and individuals seeking high-quality fragrances. Secondary audiences may include wholesalers or resellers.

### Competitive Analysis

Conduct a competitive analysis to identify key competitors in the online perfume market and gather insights into their strengths and weaknesses.

## **Functional Requirements**

### **User Registration and Authentication**

- Users should be able to create accounts.
- Users should log in securely using email and password or social media accounts.
- Password reset functionality should be available.

### **Product Catalog**

- Display a categorized catalog of perfumes with images, descriptions, and prices.
- Include product ratings and reviews.
- Highlight featured and new arrivals.

## **Interface Explanation**

This website is divided into three main sections: a navigation bar, a hero section, and a footer.

The navigation bar contains links to the Home, Contact Us, and About Us pages.

The hero section is further divided into three sections. The left section contains categories of perfumes to choose from, while the main section displays all the products with their images, descriptions, and prices. The right section contains filters for users to customize their search.

Finally, the footer section contains information about the company and its copyright notice.

This website has been designed to be entirely responsive, adapting seamlessly to both desktop computer and mobile device screens. The goal of achieving this responsiveness was accomplished through the use of Bootstrap 5, a popular and powerful front-end development framework that offers a wide range of responsive design features.

# **Non-Functional Requirements**

## **Performance**

- The website should load quickly to provide a smooth user experience.
- Handle concurrent user traffic efficiently.
- Implement caching for frequently accessed data.

## **Security**

- Use HTTPS to encrypt data transmission.
- Implement secure user authentication and session management.
- Regularly update and patch the system to protect against vulnerabilities.

## **Scalability**

- The platform should be scalable to accommodate increased traffic and products.
- Use cloud-based hosting services for scalability.

## **Usability**

- Ensure a responsive and mobile-friendly design.
- Conduct user testing to optimize the user interface.

## **Compatibility**

- Support major web browsers (Chrome, Firefox, Safari, Edge).
- Ensure compatibility with different devices (desktop, mobile, tablet).

## **Maintenance and Support**

- Provide ongoing maintenance and updates for the platform.
- Offer customer support for technical issues and inquiries.
- Backup and disaster recovery procedures.

# **Technical Requirements**

## Technology Stack

- Frontend: HTML, CSS, bootstrap
- Hosting: vercel

This requirements document serves as a foundation for the development of the online perfume shop. It is essential to maintain clear communication between stakeholders, project managers, developers, and designers throughout the project to ensure that all requirements are met.