**E-commerce Perfume Store**

**Description**

Create a web-based e-commerce platform with product listings, a shopping cart, and a checkout process. Use modern HTML, CSS, and JavaScript to ensure the website is responsive and user-friendly across different devices.

***Technologies to Use***

* Angular
* Bootstrap
* HTML
* CSS
* JavaScript
* Responsive Design
* UX/UI Design

**1. Introduction**

**1.1 *Purpose***

This document outlines the software requirements for an E-commerce perfume store. It describes functional to ensure a complete and efficient online shopping experience using the Angular framework.

**1.2 *Scope***

* This platform will allow users to browse and purchase perfumes.
* Features include search, filtering, shopping cart, electronic payment, and order tracking.
* Admins will manage products, orders, and stock.
* The application will be developed using Angular for frontend any backend.

**1.*3 Intended Audience and Use***

* **Developers**: To understand the project requirements before implementation.
* **End Users**: To enjoy a smooth shopping experience.
* **Admin Users**: To manage products and orders.

**1.4 *Definitions, Acronyms, and Abbreviations***

| **Term** | **Description** |
| --- | --- |
| **E-commerce** | Online store for selling products |
| **Admin Panel** | Dashboard for managing products and orders |
| **JWT** | JSON Web Token for authentication |
| **API** | Application Programming Interface |

**2. Overall Description**

**2.1 *Product Perspective***

* The system will be a responsive web application accessible from multiple devices.
* It will provide a user-friendly interface with an intuitive shopping experience.

**2.2 *Product Functions***

* User authentication (Login/Signup).
* Browsing and searching for perfumes.
* Adding products to the cart and completing purchases.
* Admin dashboard for managing orders and products.

**2.3 User Characteristics**

* ***Regular users***: Can browse products, add them to the cart, and complete purchases.
* ***Admin users***: Can add, edit, and delete products and manage orders.

**3. Specific Requirements**

| **Requirement** | **Description** |
| --- | --- |
| User Authentication | Users can register and log in using email and password. |
| Product Display | Users can view perfume details, including name, image, price, and rating. |
| Search & Filtering | Users can search for perfumes by name, category, brand, and price. |
| Shopping Cart | Users can add/remove items to/from the cart. |
| Payment Integration | Users can pay via PayPal, credit/debit card, or cash on delivery. |
| Product Management | Admins can add, edit, and remove perfumes from the catalog. |

**5. User Interface**

* The homepage will feature a list of perfumes and categories.
* The product page will display perfume details, images, and a purchase button.
* The checkout page will allow address entry and payment selection.