SOFTWARE REQUIREMENTS SPECIFICATION

for

Online Fashion Stylist Portal

Version 1.0

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1 Introduction

1.1 Purpose

The Online fashion shopping website project proposed here will automate the process of online shopping for the users by providing a customer-friendly experience. This system will connect the users and the fashion stylists. The users can view the stylists' profiles. The users can view the available stylists and can request for chat. Based on the inputs received from the user, the stylist will recommend products and accessories that will suit the user's interest personality. Both the users and stylists can access the system by registering themselves on the website.

1.2 Intended Audience and Reading Suggestions

This SRS is for developers, project managers, users and testers. Further the discussion will provide all the internal, external, functional and also non-functional informations about "**Online fashion stylist portal**".

1.3 Scope

This portal allows customers to maintain their cart or add or remove the product over a convenient and easy to use portal. In addition customers can take expert advice for fashion. The portal is based on relational database with its users , sellers, products and fashion experts.We will have a database server supporting several major fashion styles and cultures as well as several fashion brands across the world. Including above all we aim to provide users a rich and comfortable user experience.

2 Overall Description

2.1 Product Perspective

"Online Fashion Stylist Portal" is aimed towards the firms which want to reach out to a huge number of customers and common people who can be potential customers. This portal should help to bridge the gap between sellers, retailers and customers. It should be user-friendly, easy to learn and it must be a reliable software product..

2.2 User Classes and Characteristics

In "Online Fashion Stylist Portal" there are users and each user has a particular characteristics.

- User 1 : Administrator
  The Administrator(Admin) is the super user and has full control over all activities that can be performed. The application notifies the administrator of all the requests made by either customers or the fashion stylists and he can then either accept or reject them. The Administrator also manages the list of products categories and he can view them and delete them.

- User 2 : Stylist
  The Stylist has the function to give suggestions to the customers that use the application. They can recommend a particular product to the customer and for their recommendations are rated by the end users. Every stylist has a particular time at which they are available and they can chat with the end users and recommend them the products that suit the them.

- User 3 : Customers
  The Customers are the end-users who use the product. They take Suggestions from the stylists to buy a product and they can then shop the product they like. They rate the stylists based on the recommendations given by the stylist and they can rate the product as well.

2.3 Product Functions

Our product, ONLINE FASHION STYLIST PORTAL will automate the process of Online Shopping for the users by providing a customer-friendly experience.

First of all, the users must be registered in the system before using the product. This system will connect the users the fashion stylists.

The admin has control over all the activities performed on the website. The admin can add or remove product. The system notifies the admin when a user wants to be approved of becoming a stylist and the admin can either accept it or reject it.

All the registered users have - useriID, password, userName, firstName, lastName, email, phoneNumber, address, date_of_birth.

The products have the productID, cost of the product, Name of the company which manufactured the product.

The users can view the stylist's profiles and can view the available stylists and can request for chat. Based on the inputs received from the user, the stylist will recommend products and accessories that will suit the user's interest and personality. Users can chat with the Stylists and ask for recommendations. This whole process of chating between the user and stylist is encrypted and no third party sites have access to it. They can add multiple products to the cart and buy all of them at once. They can even add the products to the wishlist and review them later.

Users can give rating to the stylists based on their recommendations to the user and they can also view the stylist profiles. Users can apply filters to find their desired products. Users can buy the products with the help of debit card, credit card, net banking, or even with pay on delivery.

2.4 Operating Environment

This Online Fashion Stylist Portal will operate on well-known browsers like google, opera, firefox, etc.

2.5 Design and Implementation Constraints

Customer activities have 3 steps -

- Authentication process

- Stylist selection if needed

- purchasing and payment process

- User Profile

Every user creates his account by entering his/her details, address, email etc. Once he/her creates account, They need to login using some details for using this website.

Available stylists will be shown to user So that user can select one of the stylists and gets his/her product recommendations from them.

All the products available are shown to the user in the login page. User can buy/add to cart/add to wish list any of them based on his choice or based on the stylist recommendations.

Every User profile contains his/her personal information, previous purchases, wish list, cart and some other features.

Stylists activities have 2 steps -

- Authentication process

- Stylists Profile

- User selection

Every Stylist creates his account by entering his/her details, address, email, his expertise, relevant documents for confirmation etc. Once he/her creates account, They need to login using some details for using this website.

Every Stylist profile contains his/her personal information, his/her previous customers list, option to change their availability details and some other features.

Every Stylist can see the details of all the requests from the users and from them he can select one them and through chat feature they can recommend products to the users.

Admin has only one activity -

- Selection process of stylists.

Admins can review the submitted details of the Stylists and go through them and select them

3 System Features

"**Online fashion stylist portal**" is a fashion stylist portal in which customers can buy fashion products.

3.1 Functional Requirements

→ **Authentication:**
Authentication for every user/stylist/admin whenever he/she logs/registered into the website. When the user tries to login, the entered credentials are verified with the registered credentials in the database and if they get matched, then the user gets successfully logged into the website. If the entered credentials don't match, then a message gets prompted showing the entered credentials are invalid.

→ **Email Verification:**
When the users are getting registered into the website for the first time, a mail is automatically sent to their registered email id, so that the mail id of the user can be verified.

→ **User friendly interface:**
User interface should be easy to use, understandable, attractive and responsive. It should help the customer to find the product they are looking for in the least amount of time. It should have a cart option available which helps the users to add the product they like to cart with a single click.

→ **Cart:**
When a customer wants to buy multiple products, he can add them to cart just with a single click and buy them at once.

→ **Wishlist:**
The user can add the products which he likes to the wishlist so that the user can easily find the product on the website next time.

→ **Filters:**
It enables the user to refine the data in the products page, according to the range of products the user wants.

→ **Product recommendation:**
Users can automate their purchasing process by the recommendations provided by the system based on their previous purchases and interests. They can view this option when they are viewing a particular product.

→ **Verification for stylists:** Not everyone can be a stylist. A stylist account creation also depends on his previous experiences as a stylist or any recognizable contribution in this field. Account creation request is viewed and allowed by the admins of the portal.

→ **Recommendation of stylists to users:**
Since users need an expert to decide the final product they want to purchase, stylists are recommended to users. Stylists are recommended based on their rating by previous users and stylist's expertise.

→ **Stylists profile:** Users can check the stylists profiles to check their available timings or to check their expertise or ratings So that they can easily approach the stylists according to needs. It helps the users to choose the stylist they want after seeing the stylist's recommendation ratings and his specialization.

→ **Chat feature:** The system connects customers and stylists via the chat feature. Chats between customers and stylists are end to end encrypted. Recognized stylists are allowed to recommend a product to customers according to his/her taste via chat option.

→ **Payment:** Payment for the purchased item must be smooth and uninterrupted. They must be safe and invisible from 3rd party users. The payments can be done by using UPI, credit and debit cards, and net-banking.

→ **Admin:** Admin can verify and accept account registration of stylists by checking his details submitted in registration form.

The "**Online fashion stylist portal**" website is being build on javascript, Flask, Sqlite.
Back-End → Flask.
Font-End → JS, HTML, CSS, JavaScript.
Database → Sqlite.

4 Other Nonfunctional Requirements

4.1 Performance Requirements

$\rightarrow$ The system shall accommodate high number of items and users without any fault.

$\rightarrow$ Responses to view the info shall not take more time to appear on the screen.

4.2 Security Requirements

$\rightarrow$ System will use secured database

$\rightarrow$ Normal users can just read information but they cannot edit or modify anything except their personal and some other information.

$\rightarrow$ System will have different types of users and every user has access constraints.

$\rightarrow$ No one without registered users can inter to the website. One particular user of a section only can perform his/her particular actions.

4.3 Safety Requirements

$\rightarrow$ System use shall not cause any harm to human users.

$\rightarrow$ The chats between customer and the stylist must be encrypted.

$\rightarrow$ If any sensitive images exists, then it must be labled.

4.4 Error Handling

$\rightarrow$ The Object File System shall handle expected and non expected errors in ways that there should not be a loss in information and long downtime period.