

Document: Software Requirement Specification Document

Title: Software Requirement Specification for Online Clothes Shopping (Style Hub).

Objective (Purpose):

The online shopping System for products (Clothes) Web Application is intended to provide complete solution for Consumers. It will enable customers to browse through virtual shop and purchase products online without visiting the shop physically.

Scope:

Customer will be able to place and cancel order. The System will show the order history for each customer. Customer will be able to see his/her order status. The ecommerce website will allow customers to browse, search, and purchase clothes. It will also provide inventory management and order processing functionalities.

Requirements:

Functional Requirement:

User Account

Here are the detailed functionalities of each user type in an online clothes shopping store:

Guest User:

A guest user is someone who visits the website without registering. The following are the functionalities of a guest user:

Browse products: A guest user can browse through the products available on the website.

Register: A guest user can register to become a registered user and gain access to additional functionalities

Registered User:

A registered user is someone who has created an account on the website. The following are the functionalities of a registered user:

Buy products: A registered user can purchase products from the website.

Add products to cart: A registered user can add products to the shopping cart and proceed to checkout.

Review products: A registered user can leave reviews for products they have purchased.

View order history: A registered user can view their order history and track the status of their orders.

Admin:

The admin is responsible for managing the website and ensuring that everything runs smoothly.

The following are the functionalities of an admin:

Add and delete categories: The admin can create new categories for products and delete existing categories.

Add and delete products: The admin can add new products to the website and delete existing products.

Delete user: The admin can delete a user's account if necessary.

Assign delivery personnel to orders: The admin can assign a delivery person to deliver an order to a customer.

Delivery Person:

The delivery person is responsible for delivering products to customers. The following are the

functionalities of a delivery person:

Register: A delivery person can register on the website.

Update delivery status: A delivery person can update the status of a delivery (e.g., processing, on the way, Delivered) in the system.

Registration and creation of user profile

Guest User Registration:

A guest user can register to become a registered user by clicking on the "Register" button or link on the website. The following steps are involved in registering as a guest user:

Enter personal details: The user will be asked to enter their personal details, such as their name, email, phone number., address, and password.

Admin User Creation:

Creating an admin user account involves the following steps:

Access admin panel: The website owner or authorized personnel will need to access the admin panel of the website.

Create admin account: From the admin panel, the user can create an admin account by entering their personal details, such as their name, email address, and password.

Assign admin role: Once the admin account has been created, the user will need to assign the admin role to the account in order to access the admin functionalities.

Delivery Person Registration:

Registering as a delivery person involves the following steps:

Click on "Register": The delivery person clicks on the "Register" button or link on the website.

Enter personal details: The delivery person will be asked to enter their personal details, such as their name, email address, and password.

Access delivery functionalities: Once the delivery person has registered, they can access the delivery

functionalities such as updating the delivery status of orders.

Browsing/Ordering/Reviewing Products

As a registered user of an online clothes shopping store, you can enjoy a seamless

shopping experience from the comfort of your own home. Here is a step-by-step guide on how to browse, order and review products on an online clothes shopping store:

Browsing Products:

Once you are logged into your account, you can start browsing the store's product catalog. You can browse products by categories, such as shirts, pants, t-shirts, trousers, jeans, etc. Alternatively, you can use the search bar to find specific products. Each product will have a product description, price, images, and customer reviews.

Adding Products to Cart:

Once you have found the product you wish to purchase, click on the 'Add to Cart' button. You can continue browsing and adding products to your cart. Your cart will keep track of all the products you have added, and you can view it by clicking on the cart icon.

Checkout:

When you are ready to make your purchase, go to your cart and click on the 'Checkout' button. You will be taken to a page where you can review your order, add/remove products, and enter your shipping and payment details. You may also be prompted to select a delivery option.

Order Confirmation:

After you have placed your order, you will receive an order confirmation email. The store may also provide you with a tracking number so you can track your package's delivery status.

Reviewing Products:

After you have received your product, you can log back into your account and leave a review.

This helps other customers make informed purchasing decisions. You can rate the product, leave a comment, and upload photos.

Overall, an online clothes shopping store provides a convenient way to shop for clothes. As a registered user, you can enjoy the benefits of faster checkout, order tracking, and the ability to leave reviews.

View Order History

As a registered user of an online clothes shopping store, you can easily view your order history to keep track of all the products you have ordered in the past. Here is a step-by-step guide on how to view your ordered products history:

Login to Your Account:

To view your order history, you need to log in to your account on the online clothes shopping store.

If you have not created an account, you may need to create one using your email address and a password.

Navigate to Order History:

Once you are logged in, you can navigate to your order history by clicking on the "My Orders" tab on the website. This will take you to a page where you can view all your past orders.

Select the Order:

In your order history, you will see a list of all your past orders. You can click on the order you wish to view to see the details of that order. This will include information such as the date of the order, the products ordered, the order status, and the order total.

View Product Details:

To view the details of the products ordered, click on the product name or image. This will take you to a page with more information about the product, such as the product description, price, and images.

NON FUNCTIONAL REQUIREMENTS

Performance

Number of Concurrent Users:

Online clothes shopping Store shall be able to handle at least 1000 transactions/orders per

Ordering/Browsing of Products:

The system is susceptible to any temporary server failure since it uses the strong feature of Spring Boot and Spring Data JPA. Hence the browsing and Ordering of products will be continued even if the sever gets disconnected in between the session

Other Requirements:

Hardware Interfaces

The SPMS is expected to function on Intel PIII 900 MHz Processor equivalent or above, 128 MB RAM, 20 GB HDD.

Software Interfaces

The SPMS shall work on MS Windows operating systems family (MS Windows 98, MS Windows NT Workstation, MS Windows 2000, MS Windows XP). It configures to work with Oracle database. This System works on Apache Tomcat server. It uses browser IE 5.0 & above. It uses IIS 5.0 server.

