Course: Introduction to Software Engineering

Class: 22CLC05   **Group name**: SoftWear   **Group ID**: 02

Project name: Trendy shop website

PROJECT PROPOSAL

1. Introduction

Trendy Shop is a modern e-commerce platform designed exclusively for the fashion industry. It connects buyers and sellers, providing a marketplace for users to buy and sell a wide range of clothing, from casual wear to formal attire and accessories. This platform creates an accessible space for individuals and boutiques to reach a broader customer base. The goal is to enhance the shopping experience by maximizing fashion resources and making it easier for fashion enthusiasts to find and purchase trendy items.

2. Target users and environments

Target users	
Fashion enthusiasts, independent boutiques, clothing retailers, and apparel designers.	
Environments	
Devices	**Platform**
PC	Web-based, optimized for modern web browsers (Chrome, Edge, Opera, Safari, Firefox).

3. Key features

- **All users**: Users can **log in** or **register** by providing basic information such as name, email, and password, with possible email verification (optional). Besides that **log out** (this function is grouped with the login function) to ensure safety and security.

- **Admin**: Admins have the authority to **manage retailer account and customer account**,

- **Seller**: Sellers can **create - update - post products** (We group them into a common functional group) on the website for buyers to browse and purchase. They can also **track statistics** such as views and orders. Additionally, sellers have the option to **offer discount** codes or promotions to attract more buyers.

- **Buyer**: Can **search** for products and **use filters** to narrow results based on price and category. They can **view their billing information**. Additionally, buyers can **view shopping history** and **leave comments** and reviews on purchased products to help sellers improve their services and assist other buyers.