Problem Statement:

Project Title: Supplements E-commerce Web Application

Description: Our project aims to create an online platform for selling nutritional supplements and health products. With the increasing demand for health-conscious products, customers often struggle to find a diverse selection of supplements from reliable sources. We want to address this problem by providing a user-friendly web application that offers a wide range of supplements and allows customers to make informed purchasing decisions.

Objective: The main objective of this project is to develop a user-friendly E-commerce Web Application that enables customers to browse and purchase nutritional supplements and health products. The application should provide detailed product information, genuine customer reviews, secure payment options, and a personalized shopping experience.

Scope: The scope of the project includes the development of a web application accessible from desktop and mobile devices. It will focus on core functionalities such as product management, customer accounts, and reviews. Advanced features like inventory management and recommendation systems are outside the current scope.

Stakeholders:

- Customers: Individuals looking to purchase nutritional supplements and health products online.
- Administrators: Responsible for managing product listings, user accounts, and reviews.
- Developers: The project development team responsible for designing and implementing the web application.

Constraints:

- Time: The project must be completed within the allocated timeline.
- Technology: The application will be developed using Java and the Spring Boot framework.
- Security: Strong security measures must be implemented to protect user data.
- User Experience: The user interface should be intuitive and responsive.

Deliverables:

The final project deliverables will include a fully functional Supplements E-commerce Web Application hosted on a live server, along with necessary documentation and source code managed on Git/GitHub repository.