**Making An E-commerce Website for Sporty Shoes**

**Project Objective:**

As a Full Stack Developer, complete the features of the application by planning the development and pushing the source code to GitHub repository.

**Writeup**:

This project is implemented in java programming language using springmvc framework. Hibernate is a java framework that is used in this project to connect to the database . According to the given problem statement there will be only one entity which is admin . In this web application admin will be able to perform the below operations :

1. Add Products
2. Update Product
3. Delete Product
4. View Purchase Report
5. View Users
6. Change admin password
7. Purchase Reports Filtered by date and category

In this project I have used spring mvc(Model View and Controller). There will be a user controller java which is the source file of the project . HibernateTemplate is used to interact with the database and perform CRUD operation as given by the problem statements . RequestMapping is the annotation that is navigate through the web application . Each entity in the project has Data Access Object and Service interfaces . Methods that are present in these interfaces are implemented in the classes . By using spring mvcorm there is no need to write SQL query . Hibernate converts the methods into the SQL query . Dispatcher-Servlet is a xml file which stores the Object Relational Model information in it. POM.xml is a file which stores all dependencies that are required for the project . Some of the important dependencies in this project are MySQL Connector , Spring framework ,Hibernate Core , Spring Webmvc ,Spring ORM . JSP files are include to view the result of the particular CRUD operation .