

Problem Description:

You're asked to develop a prototype of the application. It will be then presented to the relevant stakeholders for budget approval. Your manager has set up a meeting where you're asked to do the following:

- Presenting the specification document which has the product's capabilities, appearance, and user interactions
- Setting up Git and GitHub account to store and track your enhancements of the prototype
- Explaining the Java concepts used in the project
- Discussing the generic features of the product:
- There will be an admin to manage the website. An administrator login will be required to access the admin page.

About the application developed:

- Coded in Java language
- The project is a Maven project using Spring Boot
- Using spring boot made the project more feasible and was also easy to develop
- There are several web pages combined which implements all the functions asked to create
- We have a *Home page* of Sporty Shoes with the list of categories to choose i.e. *Men Women and Kids*
- On the home page we have buttons to sign in for existing and signup for new user
- All the sign in username and password are validated by the records present in MY SQL database
- When an account is created using signup the data is stored in database for future logins
- While Signup user can assign their role as ADMIN or USER
- Admin user has options to
 - Add product
 - Customer list
 - Reports
 - Change password
- Add product can be done to add product to the list of categories to choose i.e. *Men Women and Kids*
- Sales report can be *filtered* to view reports filtering *date* and *category*