**GitHub repository**

<https://github.com/geprah/FullStackJavaDeveloper.git>

**SPRINTS**

This prototype project (Sporty Shoes) will be delivered in

**Product Backlog**

Setting up Git and GitHub accounts to store and track project enhancements

To display a login page

Display links to add and view products, categories, orders, search customers by name, search orders by date and change admin password

Create a database to hold login for portal and customer info

To set up a master list of all products

To set up a master list of all categories

To set up a master list of all admin and customers

**Release 1**

Sprint 1: 1 week

User story 1: Setting up Git and GitHub accounts to store and track project enhancements

Task 1: Set up a dedicated remote repository to store and track enhancements

Task 2: Set up a dedicated local repository to store and trace enhancements

User story 2: To display a login page

Task 1: Show application name and developer details on login screen.

Task 2: Create a login table in database.

Task 3: Create a list of users to login to portal.

User story 3: Create home page to show links to add categories and products

Task 4: Create home page showing links to add categories

Task 5: Create “Add Categories” page to add categories

Task 6: Create “Add Product” page to add products

Task 7: Make only admin users to add Categories

Task 8: Make only admin users to add Products

Sprint 2: 1 week

User story 1: Update home page to show links to view orders, find customers and change password for admin users

Task 1: Update home page to show links to change password for admin users only

Task 2: Update home page to show links to find customers for admin users only

Task 3: Update home page to show links to view orders for users

User story 2: To create tables to save users

Task 6: Create login table to track all users

Task 7: Create category table to track all categories

Task 8: Create product table to track all products

Task 9: Create Orders table to track all orders

Sprint 3: 1 week

User story 1: Set up master list for products, categories, and users

Task 1: Insert a list of categories into category table

Task 2: Insert a list of products into product table

Task 3: Insert a list of users into login table

User story 2: Update a view category page to show categories

Task 5: Update view page to show categories

**Definition of Done**

Algorithm is complete

Documentation is complete

Testing is complete

Source code pushed to server

Code has been reviewed and Product owner has approved

**JAVA CORE CONCEPTS**

Springboot

Beans: Java beans classes to model entities for appication

Controllers: to handle http requests

Service: to handle business logic

Repositories: to handle connection to database

Creating Dynamic web pages wth eclipse

Creating a database on mysql server.