**Project: Sporty Shoe portal**

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**Product Description:**

Sporty Shoes ha an online management system. The system keeps track of Admin logins, manage products, users logins, products, user can select project add to cart,.

**High Level Sprint Planning**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| story | story desc | sprint | story points | dependant story |
| 1 | creation of DB table scripts Admins, products, categories, users | Sprint-1 | 1 |  |
| 2 | Develop Java bean class for Admins under com.bean | Sprint-1 | 1 | 1 |
| 3 | Develop Java bean class for products under com.bean | Sprint-1 | 1 | 1 |
| 4 | Develop Java bean class for categories under com.bean | Sprint-1 | 1 | 1 |
| 5 | Develop Java bean class for users under com.bean | Sprint-1 | 1 | 1 |
| 6 | Develop Java repository class for admins under com.Repository | Sprint-1 | 1 | 1 |
|  |  |  |  |  |
|  |  |  |  |  |
| 8 | Develop Java repository class for categories under com.Repository | Sprint-2 | 1 | 1 |
| 9 | Develop Java repository class for products under com.Repository | Sprint-2 | 3 | 1 |
| 10 | Developed new service class for admin under com.service | Sprint-2 | 1 | 1 |
| 11 | Developed new service class for products and under com.service | Sprint-2 | 3 | 1 |
| 12 | Developing first page with Index.jsp, calling login and sign up JSP to accept values from UI | Sprint-2 | 5 |  |
| 14 | Develop new service class for categories - under com.service | Sprint-2 | 3 |  |
| 15 | Develop Admin Conttroller - should be part of com.controller providing annotations | Sprint-2 | 3 |  |
| 16 | Develop new JSP adminHome to navigate tod different pages/roles and this should be invoked in in Admin controller, post validations | Sprint-2 | 1 |  |
| 17 | Develop new JSP to have show products and categories info carried over from UI and passed to Controller | Sprint-2 | 1 |  |
| 19 | Have new classs under com.main, to run the spring boot | Sprint-2 | 1 | 1 |

**High Level Steps**

1. Create Maven project, with below DI
   1. spring-boot-starter-web
   2. tomcat-embed-jasper
   3. mysql-connector-java
   4. spring-boot-starter-data-jpa
2. Create bean classes under com.bean
   1. Admins
   2. Products
   3. Categories
3. Create Repository classes under com.Repository and make sure it should have @Repository annotation
4. Create services classes under com.service and make sure it should have @Service, and inject repository using @Autowired annotation
5. Have the controller created and map the respective methods to right URL (this should be the same as JSP which is created)
6. Create the respective JSP

**Git Repository Link**

https://github.com/veereshallenki/01-Lab-Academy-portal-v1

**Core concepts used in this project**

1. SpringBoot
2. JPA
3. MySQL DB
4. Core Java concepts
   1. Beans
   2. Arrays
   3. Validation methods

**Conclusion**

This project can be enhanced by providing below features.

1. In the UI, while configuring products with classes, should be able to select the category list from the list of values
2. The cart functionality to be implemented.
3. While configuring the categories,
   1. It should show have ability to add delete the categories
4. User logins, dash boards and purchase orders