# Sporty-Shoes-Phase3-Project_SIMPLILEARN

## GitHub Repository link-
**https://github.com/SachinBali333/Phase3.git**

## Technologies Used

- **Java 1.8**

- Spring Boot 2.2.10

- Lombok ---

- Swagger-ui 2.7.0

- H2 ---

- JPA ---

- Spring Security Starter ---

# File Structure

```
src
├── main
│ ├── java
│ │ └──com
│ │ └──api
│ │ └── sportyShoes
│ │ ├── SportyShoes.java
│ │ ├── config
│ │ │ ├── SpringSecurityConfig.java
│ │ │ └── SwaggerConfig.java
│ │ ├── controller
│ │ │ ├── CRUDController.java
│ │ │ └── SearchController.java
│ │ ├── exceptionHandler
│ │ │ └── BusinessException.java
│ │ ├── model
│ │ │ ├── PurchaseReport.java
│ │ │ └── Shoe.java
│ │ ├── repository
│ │ │ ├── PurchaseReportRepository.java
│ │ │ └── ShoesRepository.java
│ │ └── service
│ │ ├── SportyShoesService.java
│ │ └── impl
│ │ └── SportyShoesServiceImpl.java
│ └── resources
│ └── application.properties
└──test
├──java
└── resources
16 directories, 13 files
```

# Project Structure

This project uses Spring Boot for Model and Controller Implementation Availaible apis are
-
- /shoe (CRUD)
- /purchaseReport (CRUD)
- /shoe/all
- /purchaseReport/(category|all|dop)

Current Implementation relies simply on String for storing order list.
It can be extended to utilize many-to-many relationship b/w Shoe and PurchaseReport
Entities.
Also for admin authentication spring-security-starter has been used with credentials saved in application.properties file.