**Sporty-Shoes**

An e-Commerce site where users can shop for sporty shoes. Admin can login to manage the products in the store, including categorizing them and can browse the list of users who have signed up and be able to search for users. Also, admin can see purchase reports filtered by date and category. Admin has the option to update the user details along with changing password of the user.

**Frameworks and Technologies used**

1. Maven
2. Java
3. Spring Boot
4. Spring Data JPA
5. Git and Github
6. Agile Scrum Methodology
7. XML
8. SQL

**Concepts and Algorithms used**

1. Object-Oriented Programing - To Create objects and so on.
2. List, ArrayList - To store and access data.
3. Collections - To store and perform looping operations.

**SQL Commands used:**

1. create table orders (

order\_id integer generated by default as identity,

user\_id integer,

primary key (order\_id)

);

1. create table product (

product\_id integer generated by default as identity,

product\_category varchar(255),

product\_name varchar(255),

primary key (product\_id)

);

1. create table product\_order (

product\_id integer not null,

order\_id integer not null

);

1. create table user (

id integer generated by default as identity,

email varchar(255),

name varchar(255),

password varchar(255),

primary key (id)

);

1. alter table orders

add constraint FKel9kyl84ego2otj2accfd8mr7

foreign key (user\_id)

references user;

1. alter table product\_order

add constraint FKjwsik4uvq2sdqtb7x6h1o5f0v

foreign key (order\_id)

references orders;

1. alter table product\_order

add constraint FKh73acsd9s5wp6l0e55td6jr1m

foreign key (product\_id)

references product;

1. insert into user (id, email, name, password) VALUES (1,‘abc@gmail.com’, ‘abc’, ‘abc);

insert into user (id, email, name, password) VALUES (2,‘root@gmail.com’, ‘root’, ‘root);

insert into user (id, email, name, password) VALUES (3,‘admin@gmail.com’, ‘admin’, ‘admin);