**Phase 3 : Spring framework and Spring boot**

19-10-2022 Day 1

Spring core

Spring context

Spring MVC

Spring Rest Web Service

Spring Dao

Spring with ORM Hibernate or JPA

Spring boot

Spring boot with Spring Data

Spring micro service No Question.

Spring Security

JWT : JSON Web Token

Authentication and Authorization

To access resource person must use username and password

Base upon role admin role or user role or etc.

Admin, add, delete and update

User : View

21-10-2022 Day 2

Custom Login page in Spring security

In project two actors

Admin : SignIn but not signUp

Hyperlink : admin add the project

Pid(pk), pname, price, quantity, category , url etc.

Update the project (price, quantity, url etc)

Delete product

View the Product

View all customer or user details

Admin can view all user by emaiId etc

Admin view all product sell details.

Customer

Signin and SignUp ( dummy account accno and amount (1000))

View the product

Can place the order.

Login table

emailId (PK) password role

[admin@gmail.com](mailto:admin@gmail.com) 123 admin

Login.jsp

emailId

password

typeOfUser admin customer radio button

submit

SignUp link

Order Table

OId PId CustomerEmailId TotalAmount etc

Create.jsp

emailId

password

typeOfUser admin customer radio button

submit

login.jsp link

LoginController -🡪 Spring controller (@Controller)

Login.java (Spring data)

LoginService

LoginRepository