Spring Security – It’s a Security Module in spring framework which will help us to secure all the end points developed using spring boot

Spring-starter-security

Adding this dependency will

1. Add two end points called “/login” & “/logout”
2. Also creates a Login Form which will validate both username and password
3. Only after successful validation, any end points can be accessed.
4. It will also generate random password will be displayed in the console.
5. The default username for the login form is “user” and password is the auto generated one which we can get from the console.

Authentication & Authorization using Spring Boot

JWT – JSON Web Token

Authentication – valid credentials and/or proving that the user is a registered user (having valid username & password)

Authorization – For the given credentials & roles what are all the resources that you can access (Role based)

Bank

1. Bank Employees – They can able to access n no of customers account details. – (Admin)
2. Bank Customers – Online banking details (Account details of yours)

Online Shopping Site

1. Register
2. Search for product
3. Buy it/ pay it online
4. Get it delivered to home address/ office address

Admin

1. They can add products, offers

<https://github.com/syskantechnosoft/auth-jwt-mysql-h2-swagger>

JWT – JSON Web Token

Authenitication & Authorization done by JWT is also called as token based authentication

Jwt.io

CORS – Cross Origin Resource Sharing

CSRF – Cross Site Request Forgery