

Source Code: Spring Security with Authentication

SpringBootSecurityApplication.java

```
package com.example.demo;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class SpringBootSecurityApplication {

    public static void main(String[] args) {
        SpringApplication.run(SpringBootSecurityApplication.class, args);
    }

}
```

WebSecurityConfig.java

```
package com.example.demo;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.context.annotation.Configuration;
import org.springframework.security.config.annotation.authentication.builders.AuthenticationManagerBuilder;
import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;
import org.springframework.security.crypto.factory.PasswordEncoderFactories;
import org.springframework.security.crypto.password.PasswordEncoder;

@EnableWebSecurity
@Configuration
public class WebSecurityConfig {

    // protected void configure(HttpSecurity http) throws Exception {
    //     http.authorizeRequests()
    //         .requestMatchers("/seller/**")
    //         .authenticated()
    //         .anyRequest()
    //         .permitAll()
    //         .and()
    //         .httpBasic();
    // }

    @Autowired
    public void configureGlobal(AuthenticationManagerBuilder auth) throws Exception {
```

```

        PasswordEncoder encoder =
        PasswordEncoderFactories.createDelegatingPasswordEncoder();

        auth.inMemoryAuthentication()
            .withUser("suhas").password(encoder.encode("s@123")).roles("USER")
            .and()
            .withUser("kiran").password(encoder.encode("k@123")).roles("USER")
            .and()
            .withUser("pavan").password(encoder.encode("p@123")).roles("USER")
            .and()
            .withUser("githa").password(encoder.encode("g@123")).roles("ADMIN");
    }
}

```

application.properties

```

spring.mvc.view.prefix=/WEB-INF/views/
spring.mvc.view.suffix=.jsp

```

index.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h3>Welcome To Home page </h3>
</body>
</html>

```

pom.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-
4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <parent>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-parent</artifactId>
        <version>3.1.0</version>
    
```

```
        <relativePath/> <!-- lookup parent from repository -->
    </parent>
    <groupId>com.example</groupId>
    <artifactId>spring-boot-security</artifactId>
    <version>0.0.1-SNAPSHOT</version>
    <name>spring-boot-security</name>
    <description>Demo project for Spring Boot</description>
    <properties>
        <java.version>17</java.version>
    </properties>
    <dependencies>
        <dependency>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-web</artifactId>
        </dependency>

        <dependency>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-security</artifactId>
        </dependency>

        <!--
        https://mvnrepository.com/artifact/jakarta.servlet.jsp.jstl/jakarta.servlet.jsp.jstl-api -->
        <dependency>
            <groupId>jakarta.servlet.jsp.jstl</groupId>
            <artifactId>jakarta.servlet.jsp.jstl-api</artifactId>
            <version>3.0.0</version>
        </dependency>

        <!-- JSP support in Spring -->
        <dependency>
            <groupId>org.apache.tomcat.embed</groupId>
            <artifactId>tomcat-embed-jasper</artifactId>
            <scope>provided</scope>
        </dependency>

        <dependency>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-test</artifactId>
            <scope>test</scope>
        </dependency>
    </dependencies>

    <build>
        <plugins>
            <plugin>
                <groupId>org.springframework.boot</groupId>
                <artifactId>spring-boot-maven-plugin</artifactId>
            </plugin>
        </plugins>
    </build>

</project>
```