**package** com.niit.springwebexample.config;

**import** org.springframework.security.web.context.AbstractSecurityWebApplicationInitializer;

**public** **class** SecurityWebApplicationInitializer

**extends** AbstractSecurityWebApplicationInitializer {

}

package com.niit.springwebexample.config;

import org.springframework.context.annotation.Bean;

import org.springframework.context.annotation.Configuration;

import org.springframework.security.config.annotation.authentication.builders.AuthenticationManagerBuilder;

import org.springframework.security.config.annotation.web.builders.HttpSecurity;

import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;

import org.springframework.security.config.annotation.web.configuration.WebSecurityConfigurerAdapter;

import org.springframework.security.crypto.password.NoOpPasswordEncoder;

@Configuration

@EnableWebSecurity

public class WebSecurityConfig extends WebSecurityConfigurerAdapter {

@Override

protected void configure(AuthenticationManagerBuilder auth) throws Exception {

auth.inMemoryAuthentication()

.withUser("ad1").password("admin123").roles("USER");

auth.inMemoryAuthentication().withUser("ad2").password("admin123").roles("USER");

auth.inMemoryAuthentication().withUser("ad3").password("admin123").roles("USER");

}

@Override

protected void configure(HttpSecurity http) throws Exception {

http.authorizeRequests().antMatchers("/").hasRole("USER")

.and()

// .httpBasic();

.formLogin();

}

@SuppressWarnings("deprecation")

@Bean

public static NoOpPasswordEncoder passwordEncoder() {

return (NoOpPasswordEncoder) NoOpPasswordEncoder.getInstance();

}

}

package com.niit.springwebexample.config;

import org.springframework.context.annotation.Bean;

import org.springframework.context.annotation.ComponentScan;

import org.springframework.context.annotation.Configuration;

import org.springframework.web.servlet.ViewResolver;

import org.springframework.web.servlet.config.annotation.EnableWebMvc;

import org.springframework.web.servlet.view.InternalResourceViewResolver;

@Configuration

@EnableWebMvc

@ComponentScan(basePackages="com.niit")

public class AppConfig {

@Bean(name="viewResolver")

public ViewResolver getViewResolver() {

InternalResourceViewResolver viewResolver=new InternalResourceViewResolver();

viewResolver.setPrefix("/WEB-INF/views/");

viewResolver.setSuffix(".jsp");

return viewResolver;

}

}

**package** com.niit.springwebexample.config;

**import** org.springframework.web.servlet.support.AbstractAnnotationConfigDispatcherServletInitializer;

**public** **class** WebAppInitializer **extends** AbstractAnnotationConfigDispatcherServletInitializer{

@Override

**protected** Class<?>[] getRootConfigClasses() {

// **TODO** Auto-generated method stub

**return** **new** Class[] {AppConfig.**class**};

}

@Override

**protected** Class<?>[] getServletConfigClasses() {

// **TODO** Auto-generated method stub

**return** **null**;

}

@Override

**protected** String[] getServletMappings() {

// **TODO** Auto-generated method stub

**return** **new** String[] {"/"};

}

}

package com.niit.springwebexample.controller;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import org.springframework.stereotype.Controller;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import org.springframework.web.servlet.ModelAndView;

import org.springframework.security.core.context.SecurityContext;

import org.springframework.security.core.context.SecurityContextHolder;

import com.niit.springwebexample.domain.\*;;

@Controller

public class HelloController {

@Autowired

private HelloWorld helloWorld;

@GetMapping("/")

public String hello(Model model) {

model.addAttribute("hello", helloWorld.sayHello());

SecurityContext context = SecurityContextHolder.getContext();

model.addAttribute("message", "You are logged in as "

+ context.getAuthentication().getName());

return "index";

}

}

**package** com.niit.springwebexample.domain;

**public** **interface** HelloWorld {

**public** String sayHello();

}

**package** com.niit.springwebexample.domain;

**import** org.springframework.stereotype.Component;

@Component("helloWorld")

**public** **class** HelloWorldImpl **implements** HelloWorld{

**public** String sayHello() {

**return** "HelloWorld";

}

}

WEB-INF\views\index.jsp

<%@ page isELIgnored = *"false"* %>

<html>

<body>

<h2>${hello}</h2>

<h4>${message}</h4>

</body>

</html>

POM.XML

<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/maven-v4\_0\_0.xsd"*>

<modelVersion>4.0.0</modelVersion>

<groupId>com.niit</groupId>

<artifactId>SpingWeb1</artifactId>

<packaging>war</packaging>

<version>0.0.1-SNAPSHOT</version>

<name>SpingWeb1 Maven Webapp</name>

<url>http://maven.apache.org</url>

<dependencies>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-web</artifactId>

<version>5.0.5.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-webmvc</artifactId>

<version>5.0.5.RELEASE</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.springframework.security/spring-security-core -->

<!-- https://mvnrepository.com/artifact/org.springframework.security/spring-security-config -->

<!-- https://mvnrepository.com/artifact/org.springframework.security/spring-security-web -->

<!-- https://mvnrepository.com/artifact/org.springframework.security/spring-security-taglibs -->

<dependency>

<groupId>org.springframework.security</groupId>

<artifactId>spring-security-web</artifactId>

<version>5.0.5.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework.security</groupId>

<artifactId>spring-security-config</artifactId>

<version>5.0.5.RELEASE</version>

</dependency>

</dependencies>

<build>

<finalName>SpingWeb1</finalName>

</build>

</project>