Navigate to: [console.developers.google.com](http://console.developers.google.com/)

Left tab: Credentials > Create credentials > OAuth Client ID

* Select ‘Application Type’ as ‘Web application’
* In ‘Authorised redirect URIs , add the URI <http://localhost:8080/login/oauth2/code/google> // redirects user to login page
* Copy the client ID and Client secret key to enter in the application.properties

<https://start.spring.io/>

Spring web

OAuth2 client

Spring security

Pom.xml

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-oauth2-client</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-security</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

<dependency>

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

<artifactId>spring-security-test</artifactId>

<scope>test</scope>

</dependency>

*application.properties*

spring.security.oauth2.client.registration.google.client-id=

spring.security.oauth2.client.registration.google.client-secret=

*Add in Security.java as below:*

package com.example.Outh2;

import org.springframework.context.annotation.Configuration;  
import org.springframework.security.config.annotation.web.builders.HttpSecurity;  
import org.springframework.security.config.annotation.web.configuration.WebSecurityConfigurerAdapter;

@Configuration  
public class Security extends WebSecurityConfigurerAdapter { @Override  
 public void configure(HttpSecurity httpSecurity) throws Exception {  
 httpSecurity  
 .antMatcher("/\*\*")  
 .authorizeRequests()  
 .antMatchers("/")  
 .permitAll()  
 .anyRequest()  
 .authenticated()  
 .and()  
 .oauth2Login();  
 }}