

**Package** com.mapmyjourney.backend.security

## Class SecurityConfig

java.lang.Object<sup>↗</sup>  
com.mapmyjourney.backend.security.SecurityConfig

```
@Configuration
@EnableWebSecurity
@EnableMethodSecurity(prePostEnabled=true)
public class SecurityConfig
extends Object↗
```

Configuración de Spring Security con JWT y CORS. - Define rutas públicas (/register, /login, Swagger) - Protege endpoints privados que requieren autenticación - Configura CORS para Angular Frontend (localhost:4200) - Integra JwtAuthenticationFilter

### Constructor Summary

Constructors
Constructor
Description
<a href="#">SecurityConfig()</a>

### Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type		
Method		
Description		
org.springframework.security.authentication.AuthenticationManager		
<b>authenticationManager</b> (org.springframework.security.config.annotation.web.builders.HttpSecurity http)		
Configura el AuthenticationManager con DaoAuthenticationProvider.		
org.springframework.web.cors.CorsConfigurationSource		
<b>corsConfigurationSource</b> ()		
Configura CORS para permitir solicitudes desde el frontend en localhost:4200.		
org.springframework.security.authentication.dao.DaoAuthenticationProvider		
<b>daoAuthenticationProvider</b> ()		
Configura el proveedor de autenticación DAO.		
org.springframework.security.web.SecurityFilterChain		
<b>filterChain</b> (org.springframework.security.config.annotation.web.builders.HttpSecurity http)		
Configura la cadena de filtros de seguridad HTTP.		
org.springframework.security.crypto.password.PasswordEncoder		
<b>passwordEncoder</b> ()		
Define el encoder de contraseñas (BCrypt).		

Methods inherited from class java.lang.Object <sup>↗</sup>
clone <sup>↗</sup> , equals <sup>↗</sup> , finalize <sup>↗</sup> , getClass <sup>↗</sup> , hashCode <sup>↗</sup> , notify <sup>↗</sup> , notifyAll <sup>↗</sup> , toString <sup>↗</sup> , wait <sup>↗</sup> , wait <sup>↗</sup> , wait <sup>↗</sup>

### Constructor Details

SecurityConfig
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```
public SecurityConfig()
```

### Method Details

#### filterChain

```
@Bean
public org.springframework.security.web.SecurityFilterChain filterChain
(org.springframework.security.config.annotation.web.builders.HttpSecurity http)
    throws Exception
```

Configura la cadena de filtros de seguridad HTTP. Define rutas públicas y privadas, y configura CORS.

**Throws:**

[Exception](#)

#### corsConfigurationSource

```
@Bean
public org.springframework.web.cors.CorsConfigurationSource corsConfigurationSource()
```

Configura CORS para permitir solicitudes desde el frontend en localhost:4200. Explícitamente permite el preflight (OPTIONS) que es obligatorio para CORS en navegadores.

#### authenticationManager

```
@Bean
public org.springframework.security.authentication.AuthenticationManager authenticationManager
(org.springframework.security.config.annotation.web.builders.HttpSecurity http)
    throws Exception
```

Configura el AuthenticationManager con DaoAuthenticationProvider.

**Throws:**

[Exception](#)

#### daoAuthenticationProvider

```
@Bean
public org.springframework.security.authentication.dao.DaoAuthenticationProvider daoAuthenticationProvider()
```

Configura el proveedor de autenticación DAO. Usa CustomUserDetailsService para cargar usuarios de la base de datos.

#### passwordEncoder

```
@Bean
public org.springframework.security.crypto.password.PasswordEncoder passwordEncoder()
```

Define el encoder de contraseñas (BCrypt).