

Package com.mapmyjourney.backend.security

Class SecurityConfig

java.lang.Object[↗]
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 |
| SecurityConfig() |

Method Summary

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

| Methods inherited from class java.lang.Object [↗] |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| clone [↗] , equals [↗] , finalize [↗] , getClass [↗] , hashCode [↗] , notify [↗] , notifyAll [↗] , toString [↗] , wait [↗] , wait [↗] , wait [↗] |

Constructor Details

| SecurityConfig |
|----------------|
|----------------|

```
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).