

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).