Swagger

Swagger is a popular open-source framework used for building APIs. It provides a suite of tools that allow developers to design, document, and interact with APIs in a standardized way

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Swagger

Add dependency

```xml
<dependency>
    <groupId>org.springdoc</groupId>
    <artifactId>springdoc-openapi-starter-webmvc-ui</artifactId>
    <version>2.2.0</version>
</dependency>
```

Swagger

http://localhost:9090/v3/api-docs

http://localhost:9090/swagger-ui/index.html

Swagger

```
.requestMatchers(HttpMethod.GET, …patterns: "/swagger-ui/**", "/v3/api-docs*/**").permitAll()
```

Swagger

```java
@Override
protected boolean shouldNotFilter(HttpServletRequest request) throws ServletException {
    // get  the url from the request
    String path = request.getRequestURI();
    if (path.contains("login") || path.contains("create-client")
            || path.contains("/v3/api-docs") || path.contains("/swagger-ui")) {
        return true;
    }


    return false;
}
```

Generics

generics refer to a feature that allows you to write classes, interfaces, and methods with placeholders for the types