

```
### @name="LOGIN"
  POST http://localhost:8080/auth/signin
  Content-Type: application/json
                                                                      // login
  Accept: application/json
                                                                     return ResponseEntity.ok(authenticationService.signin(request));
     "email": "sam@adobe.com",
    "password": "secret"
                                                                          AuthenticationService
@Bean
AuthenticationProvider authenticationProvider() {
    BooAuthenticationProvider authProvider = new BooAuthenticationProvider();
    authProvider.setUserOtatiaService(UserService.userDetailsService());
    authProvider.setPasswordEncoder(passwordEncoder());
    return authProvider;
                                                                      // login
                                                                      public JwtAuthenticationResponse signin(SigninRequest request) {
                                                                          authenticationManager.authenticate(
    new UsernamePasswordAuthenticationToken(request.getEmail(), request.getPassword()));
                                                                          System.out.println(user);
                                                                          var jwt = jwtService.generateToken(user);
public interface UserDao extends JpaRepository<User, Integer> {
                                                                          return JwtAuthenticationResponse.builder().token(jwt).build();
   Optional<User> findByEmail(String email);
```

```
nem grimme- Lumin resource
GET http://Localhost:8886/admin
Authorization:Bearer eyJhbGci0iJIUzIINiJ9.eyJzdWIi0iJldmFAYWRvYmUuY29tIi
Accept: application/json
                                                                     e Claims extractAllClaims(String token)
    JwtAuthenticationFilter extends OncePerRequestFilter
                                                                                          sub": "eva@adobe.com",
                                                                                         "iat": 1722855755,
                                                                                         "exp": 1722857195,
     userEmail = jwtService.extractUserName(jwt);
                                                                                         "roles": [
                                                                                            "ROLE_GUEST",
                                                                                            "ROLE_ADMIN"
       jwtService.isTokenValid(jwt, userDetails)
                                                                                         "authorities": [
                                                                                            "ROLE_GUEST",
                                                                                            "ROLE_ADMIN"
                                private boolean isTokenExpired(String token) {
                                   return extractExpiration(token).before(new Date());
```