

```
1 package br.com.padon.application.models;
2
3 import jakarta.persistence.Entity;
4 import jakarta.persistence.Id;
5 import jakarta.persistence.Table;
6 import org.springframework.security.core.GrantedAuthority;
7 import org.springframework.security.core.authority.
    SimpleGrantedAuthority;
8 import org.springframework.security.core.userdetails.
    UserDetails;
9
10 import java.util.ArrayList;
11 import java.util.Collection;
12 import java.util.List;
13
14 @Entity
15 @Table(name = "funcionario")
16 public class Funcionario implements UserDetails {
17
18     @Id
19     private String cpf;
20     private String usuario;
21     private String nome;
22     private String senha;
23     private String email;
24     private String telefone;
25     private boolean gerente;
26
27     public Funcionario() {
28     }
29
30     public Funcionario(String cpf, String usuario, String
    nome, String senha, String email, String telefone, boolean
    gerente) {
31         this.cpf = cpf;
32         this.usuario = usuario;
33         this.nome = nome;
34         this.senha = senha;
35         this.email = email;
36         this.telefone = telefone;
37         this.gerente = gerente;
38     }
39
40     public String getCpf() {
```

```
41         return cpf;
42     }
43
44     public String getUsuario() {
45         return usuario;
46     }
47
48     public void setUsuario(String usuario) {
49         this.usuario = usuario;
50     }
51
52     public String getNome() {
53         return nome;
54     }
55
56     public void setNome(String nome) {
57         this.nome = nome;
58     }
59
60     public String getSenha() {
61         return senha;
62     }
63
64     public void setSenha(String senha) {
65         this.senha = senha;
66     }
67
68     public String getEmail() {
69         return email;
70     }
71
72     public void setEmail(String email) {
73         this.email = email;
74     }
75
76     public String getTelefone() {
77         return telefone;
78     }
79
80     public void setTelefone(String telefone) {
81         this.telefone = telefone;
82     }
83
84     public boolean isGerente() {
```

```
85         return gerente;
86     }
87
88     public void setGerente(boolean gerente) {
89         this.gerente = gerente;
90     }
91
92     @Override
93     public Collection<? extends GrantedAuthority>
getAuthorities() {
94         List<SimpleGrantedAuthority> ret = new ArrayList
<>(List.of(new SimpleGrantedAuthority("ROLE_USER")));
95         if (isGerente()) {
96             ret.add(new SimpleGrantedAuthority("
ROLE_ADMIN"));
97         }
98         return ret;
99     }
100
101     @Override
102     public String getPassword() {
103         return getSenha();
104     }
105
106     @Override
107     public String getUsername() {
108         return getNome();
109     }
110
111     @Override
112     public boolean isAccountNonExpired() {
113         return true;
114     }
115
116     @Override
117     public boolean isAccountNonLocked() {
118         return true;
119     }
120
121     @Override
122     public boolean isCredentialsNonExpired() {
123         return true;
124     }
125
```

```
126     @Override
127     public boolean isEnabled() {
128         return true;
129     }
130 }
131
```