

In continuation with Assignment No. 2, create a custom validation for the mobileNo field in the Customer entity.

The validation for mobileNo should:

- Contain only digits.
- Be exactly 10 characters long.

Code –

Customer.java(Entity)

```
1 package com.ProductRestApi.model;
2
3 import jakarta.persistence.Entity;
4
15 @Entity
16 public class Customer {
17
18     @Id
19     @GeneratedValue(strategy = GenerationType.IDENTITY)
20     private Long id;
21
22     @NotNull(message = "First name must not be null")
23     @Size(min = 3, message = "First name must contain at least 3 characters")
24     private String firstName;
25
26     @NotNull(message = "Last name must not be null")
27     @Size(min = 3, message = "Last name must contain at least 3 characters")
28     private String lastName;
29
30     @NotNull(message = "Email must not be null")
31     @Email(message = "Email should be valid")
32     private String email;
33
34     @NotNull(message = "Password must not be null")
35     @Pattern(regexp = "^(?=.*[a-zA-Z])(?=.*\\d)[A-Za-z\\d]{6,20}$",
36             message = "Password must be alphanumeric and 6-20 characters long")
37     private String password;
38
39     @NotNull(message = "Confirm password must not be null")
40     @Pattern(regexp = "^(?=.*[a-zA-Z])(?=.*\\d)[A-Za-z\\d]{6,20}$",
41             message = "Password must be alphanumeric and 6-20 characters long")
42     // @Transient // Exclude from persistence since it won't be stored in the database
43     private String confirmPassword;
```

MobileNo columns is being updated

```
44
45     @NotNull(message = "Mobile number must not be null")
46     @NotEmpty(message = "Mobile number must not be empty")
47     @Pattern(regexp = "\\d{10}", message = "Mobile number must be exactly 10 digits") |
48     private String mobileNo;
49
50     @Min(value = 10000, message = "Salary must be at least 10,000")
51     @Max(value = 50000, message = "Salary must not exceed 50,000")
52     private double salary;
53
54     // Getters and setters
55
56     public Long getId() {
57         return id;
58     }
59
60     public void setId(Long id) {
61         this.id = id;
62     }
63
64     public String getFirstName() {
65         return firstName;
66     }
67
68     public void setFirstName(String firstName) {
69         this.firstName = firstName;
70     }
71
72     public String getLastName() {
73         return lastName;
74     }
75
76     public void setLastName(String lastName) {
77         this.lastName = lastName;
```

```
80• public String getEmail() {
81     return email;
82 }
83
84• public void setEmail(String email) {
85     this.email = email;
86 }
87
88• public String getPassword() {
89     return password;
90 }
91
92• public void setPassword(String password) {
93     this.password = password;
94 }
95
96• public String getConfirmPassword() {
97     return confirmPassword;
98 }
99
100• public void setConfirmPassword(String confirmPassword) {
101     this.confirmPassword = confirmPassword;
102 }
103
104• public String getMobileNo() {
105     return mobileNo;
106 }
107
108• public void setMobileNo(String mobileNo) {
109     this.mobileNo = mobileNo;
110 }
111
112• public double getSalary() {
```

```
113     return salary;
114 }
115
116• public void setSalary(double salary) {
117     this.salary = salary;
118 }
119
120
121 }
```