Description: Healthcare domain patient data management validation checklist

1. **Patient Identification:**

Patient ID, Patient Name, Date of Birth, Patient Age

```
@NotNull(message = " Patient ID should be Not Null!")
@Size(min = 11 )
private int Patient ID;

@NotEmpty(message = " Patient Name should be Not Empty!")
@Size(min =10)
@Pattern(regexp="^[A-Za-z]*$" , message = " Name Must contain only characters no numbers")
private String Patient Name;

@NotNull(message = " Date of Birth should be Not Null!")
@JsonFormat(pattern ="yyyy-MM-dd")
@PastOrPresent
private LocalDate Date of Birth;

@NotNull(message = " Patient Age should be Not Null !")
@Positive(message = " Patient Age must be a number")
@Min(value =12, message = " Patient Age must be more than 12")
private int age;
```

2. **Contact Information**:

Phone Number, Email Address

```
@Pattern(regexp = "(\05|0)[0-9]{9}",message = "Phone Number must start with '05' and have exactly 10 digits")
private String Phone Number;

@Email
private String  Email Address;
```

3- **login account:**

username, password

```
@NotEmpty(message = username should be Not Empty!")
@Size(min = 4, max = 10, message = "username size should be between 4 - 10")

@Pattern(regexp="^[A-Za-z]*$" , message = " username Must contain only characters no numbers")
private String username;

@NotEmpty(message = "password should be not empty!")
@Pattern(regexp = "^(?=.*[A-Za-z])(?=.*\\d)(?=.*[@$!%*#?&])[A-Za-z\\d@$!%*#?&]{8,}$")
  private String password;
```

4- **payment method:**

```
@Pattern(regexp="^[A-Za-z]*$" , message = " username Must contain only characters no numbers")
private String username;

@NotEmpty(message = "password should be not empty!")
@Pattern(regexp = "^(?=.*[A-Za-z])(?=.*\\d)(?=.*[@$!%*#?&])[A-Za-z\\d@$!%*#?&]{8,}$")
  private String password;

@NotNull(message = "ID should be Not Null!")
@Size(min = 14 )
private int id;

@NotNull(message = "Date should be Not Null!")
@JsonFormat(pattern ="yyyy-MM-dd")
@PastOrPresent
private LocalDate Date;
```