

Validation Checklist Creation

(Hospital system)

In this system there are patients, doctors, appointments.

Models:

Patients:

@NotEmpty(message = "You must enter a name")
@Size(min = 5, message = "The length of name must be more than 4")

String patientName

@NotNull(message = "You must enter a birth date")
@Past(message = "Birth date must be in past")

LocalDate birthdate

```
@NotNull(message = "Please enter an age")
@Positive(message = "Age must be a positive
number")
```

```
Int patientAge
```

```
@NotEmpty(message = "You must enter a gender")
@Pattern( regexp="^(Male | Female)$", message =
"gender must be a Male or Female")
```

```
String patientGender
```

```
@NotEmpty(message = "Please enter a number")
@Pattern(regex = "^05\\d{8}$", message = "The
phone number must start with 05 and contain 10
digit")
String phoneNumber;
```

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Doctors:
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```
@NotEmpty(message = "You must enter an ID")
@Size(min = 5, message = "The length of ID must be
more than 4")
String DoctorsID
```

@NotEmpty(message = "You must enter a name")
@Size(min = 5, message = "The length of name must be more than 4")

String DoctorName

@NotEmpty(message = "You must enter a specialty")

@Pattern(regexp = "^[a-zA-Z\\s]+\$", message = "Please enter only characters")

String specialty

@NotEmpty(message = "Please enter a number")

@Pattern(regexp = "^05\\d{8}\$", message = "The phone number must start with 05 and contain 10 digit")

String phoneNumber

@NotEmpty(message = "Please enter an email")

@Email

String email

@NotNull(message = "Please enter Years of experience")

@Min(20, message = "Your Years of experience must be more than 19")

@Positive(message = "years must be a positive number")

Int YearsOfExperience

@NotEmpty(message = "You must enter a license number")

@Pattern(regex = "^[a-zA-Z0-9]{6,10}", message = "License number must be alphanumeric and the length must be 6-10 ")

String licenseNO

Appointments:

@NotEmpty(message = "You must enter an ID")

@Size(min = 7, message = "The length of ID must be more than 6")

String ID

@NotEmpty(message = "You must enter a name")

@Size(min = 5, message = "The length of name must be more than 4")

String patientName

@NotEmpty(message = "You must enter a name")

@Size(min = 5, message = "The length of name must be more than 4")

String DoctorName

@NotNull(message = "You must enter an appointment date")

@FutureOrPresent(message = " appointment date must be in future or present ")

LocalDateTime appointmentDate

@NotEmpty(message = "You must enter a status")

@Pattern(regexp="^(Scheduled |Completed |Cancelled)\$", message = "status of appointment must be a Scheduled or Completed or Cancelled")

String status