

Healthcare System :

This system deal with doctors and patients and nurse data , and the nurse can management little of operations.

doctors Model has: ID , name, email , phoneNumber ,age, and giveAnnualLeave.

Patients Model has : FileNumber , name, email , phoneNumber ,age.

Nurses Model has : ID , name, email , phoneNumber ,age, and clinic.

Doctors Model :

- ID :
 - @NotEmpty(message = "Enter your ID")
 - @Size(min=3,max=5,message="Enter id between 3 and 5")
 - @Pattern (regexp = " ^\\d+\$",message="Enter just numbers")
- Name :
 - @NotEmpty(message = "Enter your name")
 - @Size(min=3, message="Enter name and at least 3 characters")
 - @Pattern (regexp = "^[a-zA-Z]+\$",message="Enter just characters")
- Email :
 - @Email
- phoneNumber :
 - @NotEmpty(message="Enter your phone number please")
 - @Size(min=10,message="Enter with 10 digits")
 - @Pattern(regexp = "^05\\d{8}\$",message = "Start with 05 and exactly 10 digits")
- age :

- @NotNull(message = "please enter your age")
- @Positive
- @Min(30,message="must the age above 30 years")
- giveAnnualLeave :
 - @Pattern(regexp = " ^\\d+\$",message = "just numbers")

Patients Model :

- FileNumber:
 - @NotEmpty(message = "Enter the FileNumber")
 - @Size(min=5,max=10,message="Enter the FileNumber between 5 and 10")
 - @Pattern (regexp = " ^\\d+\$",message="Enter just numbers")
- Name :
 - @NotEmpty(message = "Enter the name")
 - @Size(min=3, message="Enter name and at least 3 characters")
 - @Pattern (regexp = "^[a-zA-Z]+\$",message="Enter just characters")
- Email :
 - @Email
- phoneNumber :
 - @NotEmpty(message="Enter the phone number please")
 - @Size(min=10,message="Enter with 10 digits")
 - @Pattern(regexp = "^05\\d{8}\$",message = "Start with 05 and exactly 10 digits")
- age :
 - @NotNull(message = "please enter your age")
 - @Positive

Nurses Model :

- ID :
 - @NotEmpty(message = "Enter your ID")
 - @Size(min=3,max=5,message="Enter id between 3 and 5")
 - @Pattern (regexp = " ^\\d+\$",message="Enter just numbers")

- Name :
 - @NotEmpty(message = "Enter your name")
 - @Size(min=3, message="Enter name and at least 3 characters")
 - @Pattern (regexp = "^[a-zA-Z]+\$",message="Enter just characters")
- Email :
 - @Email
- phoneNumber :
 - @NotEmpty(message="Enter your phone number please")
 - @Size(min=10,message="Enter with 10 digits")
 - @Pattern(regexp = "^05\\d{8}\$",message = "Start with 05 and exactly 10 digits")

- age :
 - @NotNull(message = "please enter your age")
 - @Positive
 - @Min(20,message="must the age above 20 years")
- clinic :
 - @AssertFalse