

University System

Student model: -

@NotEmpty(message = "student id should not be empty")

@Size(min = 7, max = 7, message = "student id should be exactly 7 digits")

@Pattern(regex = "[0-9]+\$")

String studentId;

@NotEmpty(message = "name should not be empty")

@Pattern(regex = "[a-zA-Z]+\$", message = "name should contain only letters.")

String name;

@NotNull(message = "age should not be empty")

@Min(value = 18, message = "minimum age to register is 18")

Int age;

@NotEmpty(message = "email should not be empty")

@Email(message = "please enter a valid email")

String email;

@NotEmpty(message = "phone number should not be empty")

@Size(min = 10, max = 10, message = "phone number should be 10 digits")

@Pattern(regex = "(05)[0-9]+\$", message = "phone number should only contain digits")

String phoneNumber;

@Min(value = 0.00, message = "minimum value of GPA is 0.00")

@Max(value = 5.00, message = "maximum value of GPA is 5.00")

@Pattern(regex = "[0-5].[0-9]{2}\$")

Double cumulativeGPA

Course model: -

@NotEmpty(message= "course name should not be empty")

@Pattern(regexp = "[a-zA-Z]+\$", message = "course name should contain only letters")

String courseName;

@NotEmpty(message = "course id should not be empty")

@Size(min = 6, max = 6, message = "course id should be at 6 characters")

@Pattern(regexp = "[a-zA-Z]{2}-[0-9]{3}\$", message = "course id should look like cs-101")

String courseID;

@Min(value = 1, message= "course credit should be at least 1")

@Max(value = 4, message = "course credit should be 4 at maximum")

@Pattern(regexp = "[1-4]{1}\$", message = "course credit can only be a single digit, range from 1 to 4.")

Integer courseCredit;