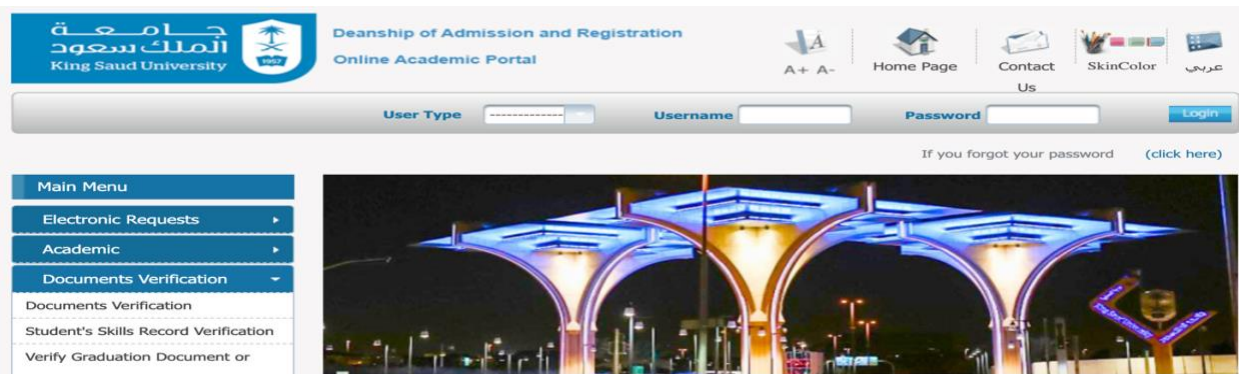


Domain URL : <https://edugate.ksu.edu.sa/ksu/init>

## **King Saud University Website**

For this question I used the website of King Saud University to validate all Possible entries by users from different models, with declare of all annotation for validation process and how to handle it.

### **1- Log in Model**



- Username :
- should be not null

```
@NotEmpty(message = "Username should be not empty")
```

- should contain exactly 9 numbers

```
@Size(min = 9 , max = 9 , message = "Username length should be exactly 9 characters !")
```

- Password :
- should be not null

```
@NotEmpty(message = "Password should be not empty")
```

- User type :
- should be not null

```
@NotEmpty(message = "User type should be not empty")
```

- should be either ( Student or Staff )

```
@Pattern(regexp = "^(Student|Staff)" , message = "User type should be Student or Staff !")
```



## 2- Verify Graduation Document or Academic Transcripts Model

### ▪ Student ID :

- should be not null

```
@NotEmpty(message = "Student ID should be not empty")
```

- should contain exactly 9 numbers

```
@Size(min = 9 , max = 9 , message = "Student ID length should be exactly 9 characters !")
```

### ▪ GPA :

- should be more at least 0 and at most 5

```
@Min(value = 0 , message = "GPA should be more than 0")
@Max(value = 5, message = "GPA should be less than 5")
```

- should be positive

```
@Positive(message = "GPA should be a positive number")
```

- Verification code :

- should be not null

```
@NotEmpty(message = "Verification code should be not empty")
```

Please enter Student ID and G.P.A as they appear on graduation certificate or transcript

Student ID

GPA

Verification code

☐ Graduation Document ☒ Academic Transcript

Document Verification

Please Enter the verification code

b d x a

- Service type :

- Service type should be not null

```
@NotEmpty(message = "Service type should be not empty")
```

Please enter Student ID and G.P.A as they appear on graduation certificate or transcript

Student ID

GPA

Verification code

☐ Graduation Document ☐ Academic Transcript

Document Verification

Please Enter Service Type

b d x a

bdxa

### 3- Return Password Model

Summer Semester 2024

#### Return Password

The password will be sent to the mobile number entered in the cooperation request data

National Number \*

Send

Back

- National Number
  - should be not null

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

- should be exactly 10 digits

```
@Size(min = 10 , max = 10 , message = "National number length should be exactly 10 characters !")
```

#### Return Password

The password will be sent to the mobile number entered in the cooperation request data

National Number \*

123456789

National Id not correct



Send

Back

#### 4- Courses schedule search

Courses Schedule

Second Semester 2024

Main Menu

Electronic Requests

Academic

Academic Calendar

Courses Schedule

Documents Verification

In order to show the academic divisions, you must click on the search button

Campus Gender\* select from menu

Campus All

Department All

Course Code

Types of academic schedule All

Section Status All

Academic Degree\* select from menu

Faculty\* select from menu

Course Name

Section Type All

Verification code\* o t a p

Search

Back

- Course Code
- should be not null

```
@NotNull(message = "Course code should be not null")
```

- should be number only

```
@Positive(message = "Course code should be a positive number")
```

- Course Name
- should be not null

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

- should contain only letters

```
@Pattern(regexp = "[a-zA-Z]+$" , message = "Course name should be only letters")
```

- Verification code :
- should be not null

```
@NotEmpty(message = "Verification code should be not empty")
```