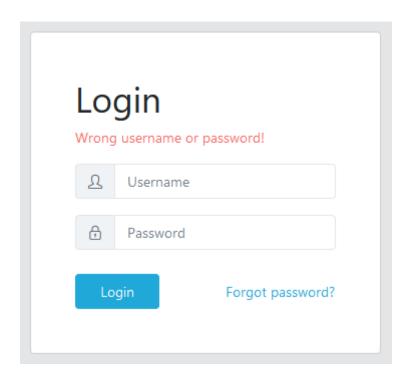# FINAL EXAM: WEB FRONT-END
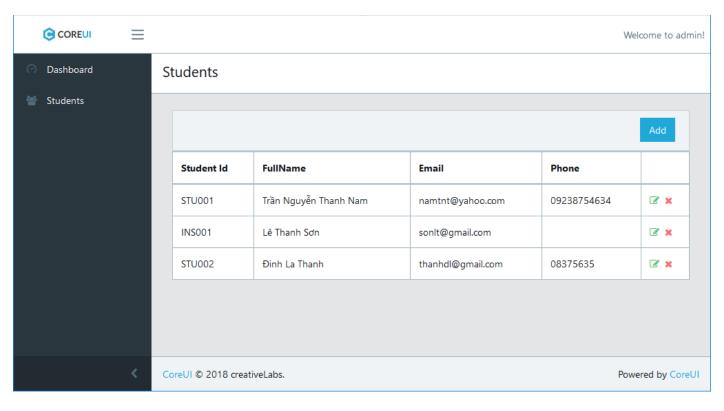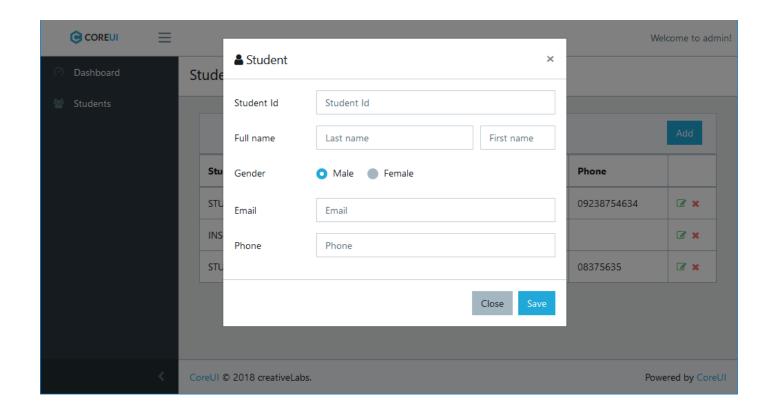
Date: **Thursday, June 27ᵗʰ, 2019**

Duration: **90 minutes**

I. Layout (40 points)

Use CoreUI admin template from website https://coreui.io/angular/ , modify the login page and create a new list page with following layout.

Login

Wrong username or password!

👤	Username
🔒	Password

Login   Forgot password?

C COREUI ☰   Welcome to admin!

⊘ Dashboard

👥 Students

Students

| | | | | Add |

Student Id	FullName	Email	Phone	
STU001	Trần Nguyễn Thanh Nam	namtnt@yahoo.com	09238754634	✏ ✖
INS001	Lê Thanh Sơn	sonlt@gmail.com		✏ ✖
STU002	Đinh La Thanh	thanhdl@gmail.com	08375635	✏ ✖

CoreUI © 2018 creativeLabs.   Powered by CoreUI

CORE**UI** ☰   Welcome to admin!

Dashboard   Stude...

Students

Student   ✕

Student Id   [Student Id   ]

Full name   [Last name   ] [First name   ]

Gender   ● Male   ⬤ Female

Email   [Email   ]

Phone   [Phone   ]

                                                    [Close] [Save]

Stu...			Phone	
STU...			09238754634	✎ ✖
INS...				✎ ✖
STU...			08375635	✎ ✖

Add

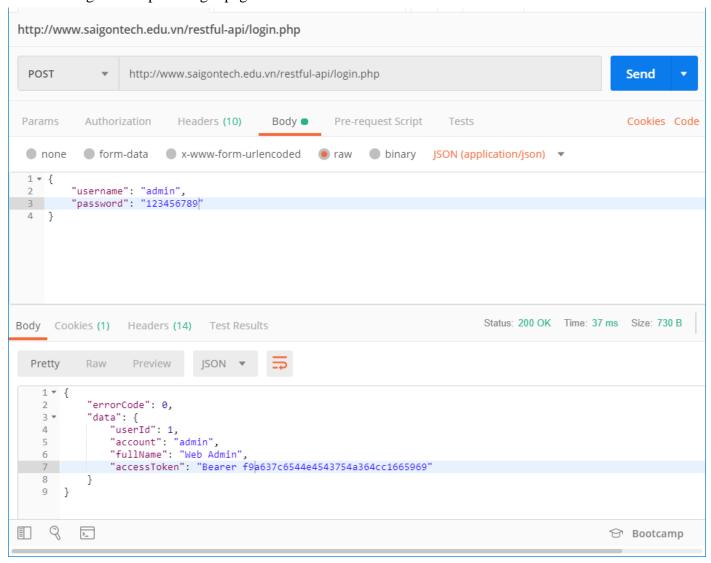CoreUI © 2018 creativeLabs.   Powered by CoreUI

II.   Angular (60 points)

1. Using below api for login page

http://www.saigontech.edu.vn/restful-api/login.php

| POST ▼ | http://www.saigontech.edu.vn/restful-api/login.php | Send ▼ |

Params   Authorization   Headers (10)   Body ●   Pre-request Script   Tests   Cookies Code

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   JSON (application/json) ▼

```
1 ▾ {
2        "username": "admin",
3        "password": "123456"
4    }
```

Body   Cookies (1)   Headers (14)   Test Results   Status: 200 OK   Time: 43 ms   Size: 649 B

Pretty   Raw   Preview   JSON ▼   ⇥

```
1 ▾ {
2        "errorCode": 1,
3        "errorMessage": "Wrong Username or Password"
4    }
```

⊞ ⚲ ⌦   🎓 Bootcamp
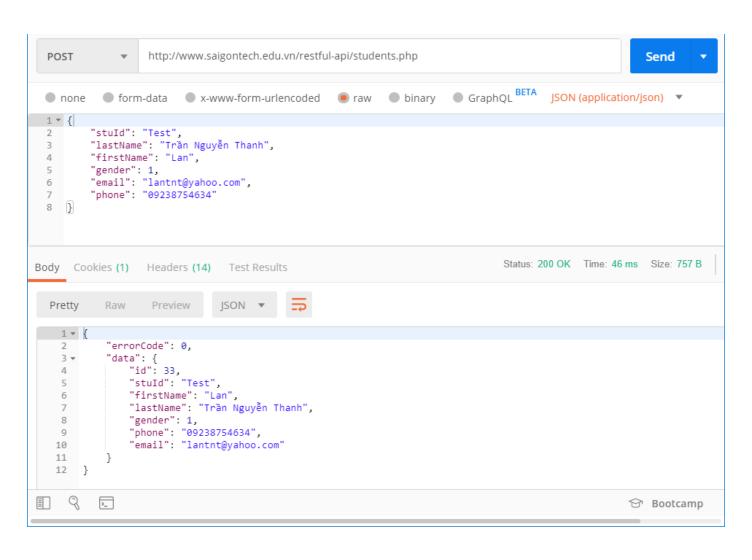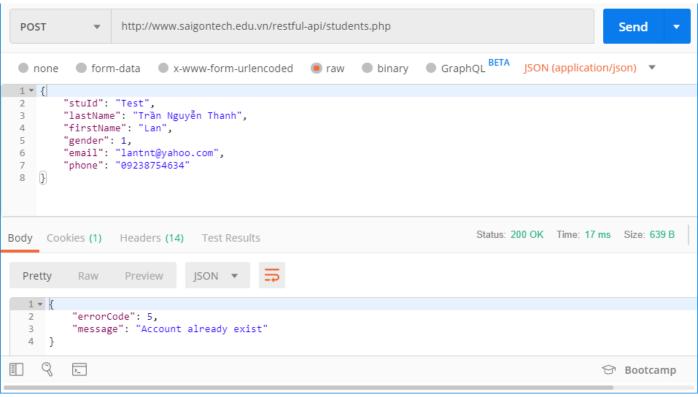
2. Use "accessToken" and "fullName" values from login page, show user info on header and list all students using below api information:

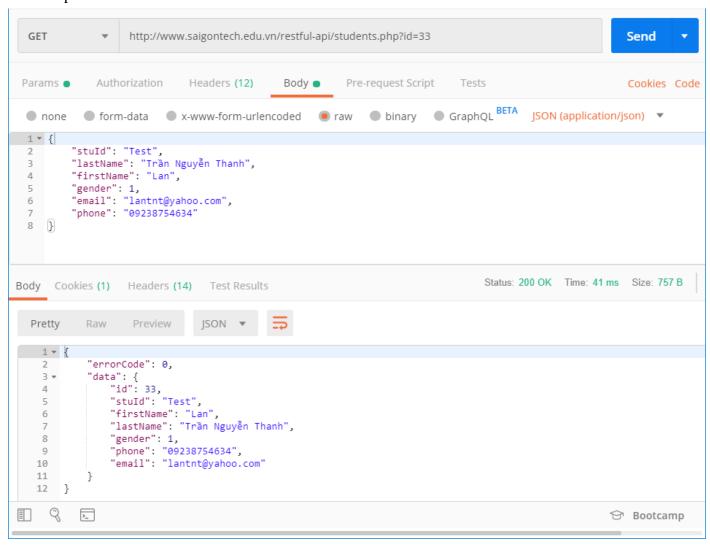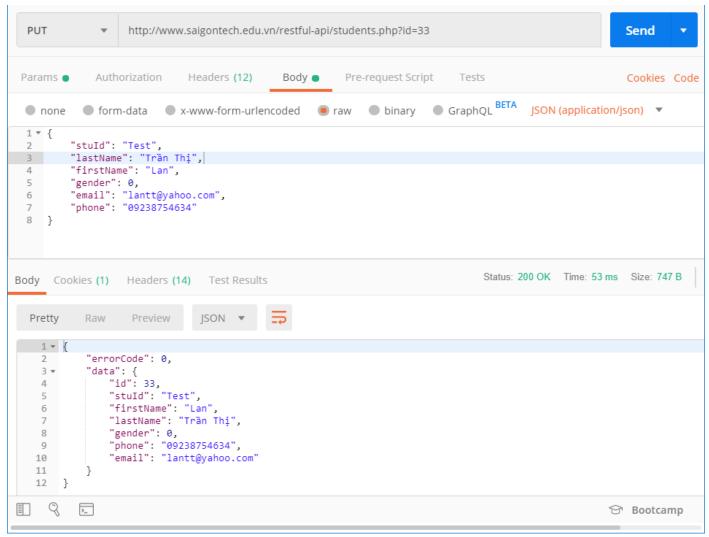3. When user clicks on "**Add**" button, show a dialog allows user to add a new student. Use below api information to add a new student:

POST ▼ | http://www.saigontech.edu.vn/restful-api/students.php | **Send** ▼

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL BETA JSON (application/json) ▼

```
1  {
2      "stuId": "Test",
3      "lastName": "Trần Nguyễn Thanh",
4      "firstName": "Lan",
5      "gender": 1,
6      "email": "lantnt@yahoo.com",
7      "phone": "09238754634"
8  }
```

Body   Cookies (1)   Headers (14)   Test Results   Status: 200 OK   Time: 46 ms   Size: 757 B

Pretty   Raw   Preview   JSON ▼   ⇥

```
1  {
2      "errorCode": 0,
3      "data": {
4          "id": 33,
5          "stuId": "Test",
6          "firstName": "Lan",
7          "lastName": "Trần Nguyễn Thanh",
8          "gender": 1,
9          "phone": "09238754634",
10         "email": "lantnt@yahoo.com"
11     }
12 }
```

▤ 🔍 ⌦   🎓 Bootcamp

POST ▼ | http://www.saigontech.edu.vn/restful-api/students.php | **Send** ▼

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL BETA JSON (application/json) ▼

```
1  {
2      "stuId": "Test",
3      "lastName": "Trần Nguyễn Thanh",
4      "firstName": "Lan",
5      "gender": 1,
6      "email": "lantnt@yahoo.com",
7      "phone": "09238754634"
8  }
```

Body   Cookies (1)   Headers (14)   Test Results   Status: 200 OK   Time: 17 ms   Size: 639 B

Pretty   Raw   Preview   JSON ▼   ⇥

```
1  {
2      "errorCode": 5,
3      "message": "Account already exist"
4  }
```

▤ 🔍 ⌦   🎓 Bootcamp
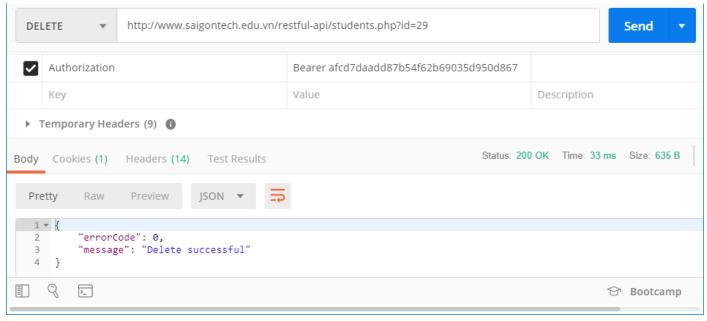
4. When user clicks on "**edit**" icon of a specific row, show all information of the selected student and allows user to update new information of that student. Use below api information to show and update.

GET	▼	http://www.saigontech.edu.vn/restful-api/students.php?id=33	Send ▼

Params ●   Authorization   Headers (12)   **Body** ●   Pre-request Script   Tests   Cookies   Code

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL ^{BETA}   JSON (application/json) ▼

```json
{
    "stuId": "Test",
    "lastName": "Trần Nguyễn Thanh",
    "firstName": "Lan",
    "gender": 1,
    "email": "lantnt@yahoo.com",
    "phone": "09238754634"
}
```

Body   Cookies (1)   Headers (14)   Test Results   Status: 200 OK   Time: 41 ms   Size: 757 B

Pretty   Raw   Preview   JSON ▼

```json
{
    "errorCode": 0,
    "data": {
        "id": 33,
        "stuId": "Test",
        "firstName": "Lan",
        "lastName": "Trần Nguyễn Thanh",
        "gender": 1,
        "phone": "09238754634",
        "email": "lantnt@yahoo.com"
    }
}
```

Bootcamp

5. When user clicks on "**delete**" icon of a specific row, show a confirmation dialogue to confirm user delete that student or not. Use below api information to delete the selected student.

-- The end --