

Website for grading
students



พัฒน์ แสงจันดา

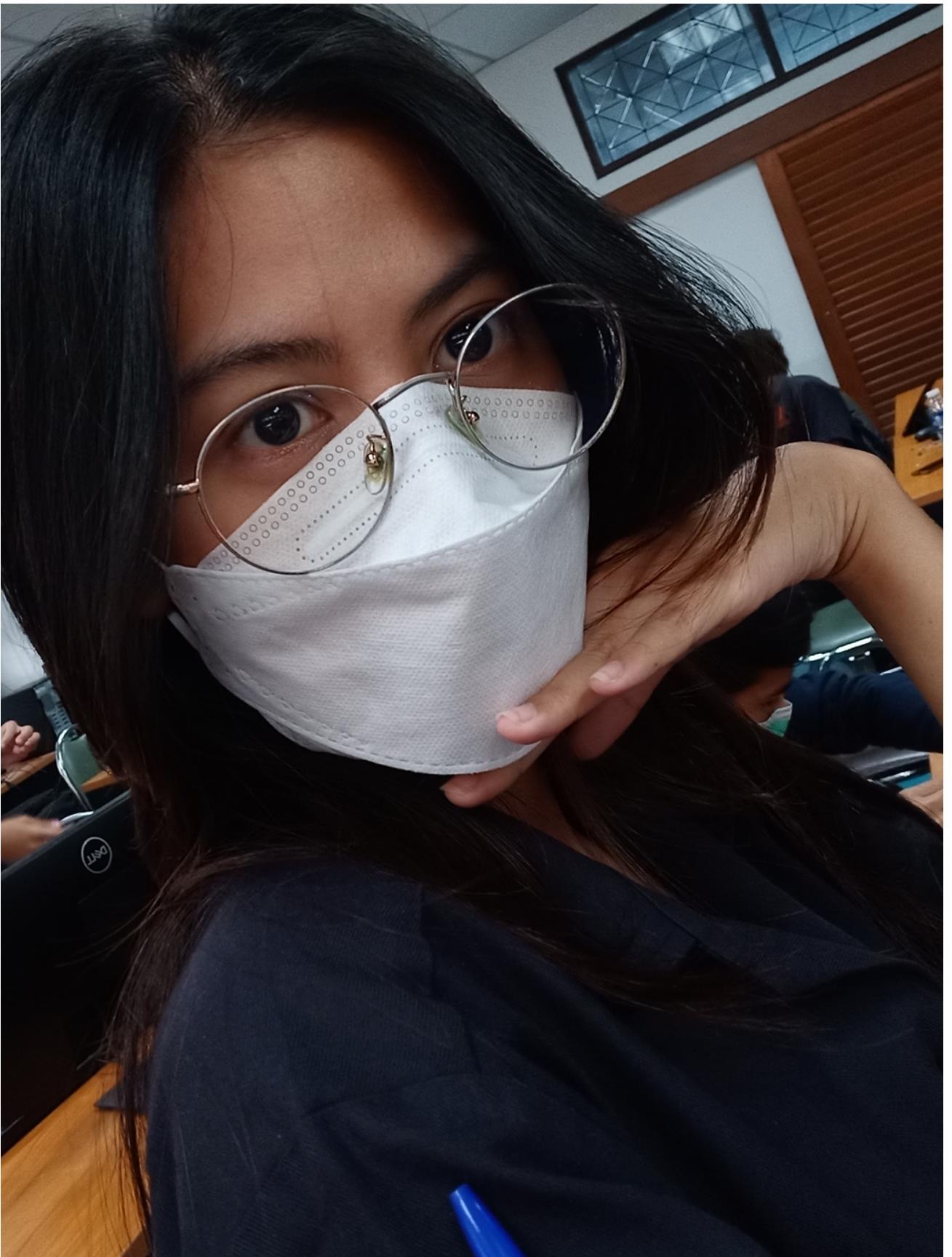
(Leader , API)



ພົກວະຍົງ ອນນຕໍສຸຂບສສມ
(Rust)



រណชาตិ ប្រែកលីខ្ពស់ (Front-end)



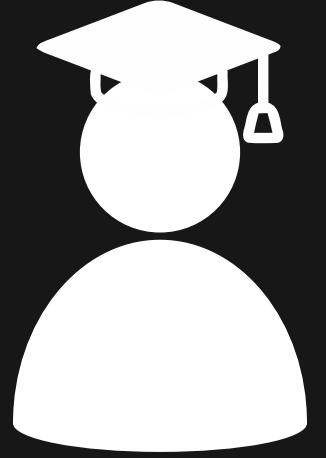
พິມພາວຍ ຜົ່ງນາ

(Database)

UNIVERSITY GRADING WEBSITE

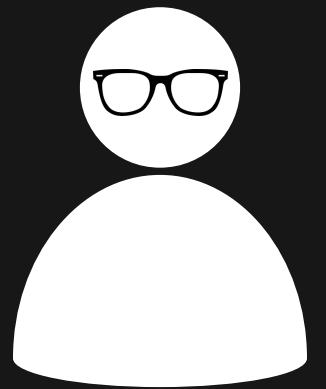
API CONCEPT

- มีการจัดการรายชื่อนักเรียนในระบบ
- มีการให้เกรดโดยผู้ใช้ที่เป็นอาจารย์
- นักเรียนสามารถดูเกรดตัวเองได้



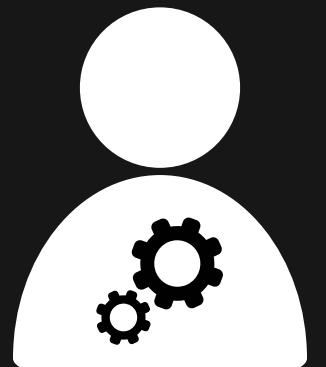
STUDENT

Student : สามารถดูเกรดของตัวเองได้



TEACHER

Teacher : จัดการและให้เกรดแก่นักศึกษา



ADMIN

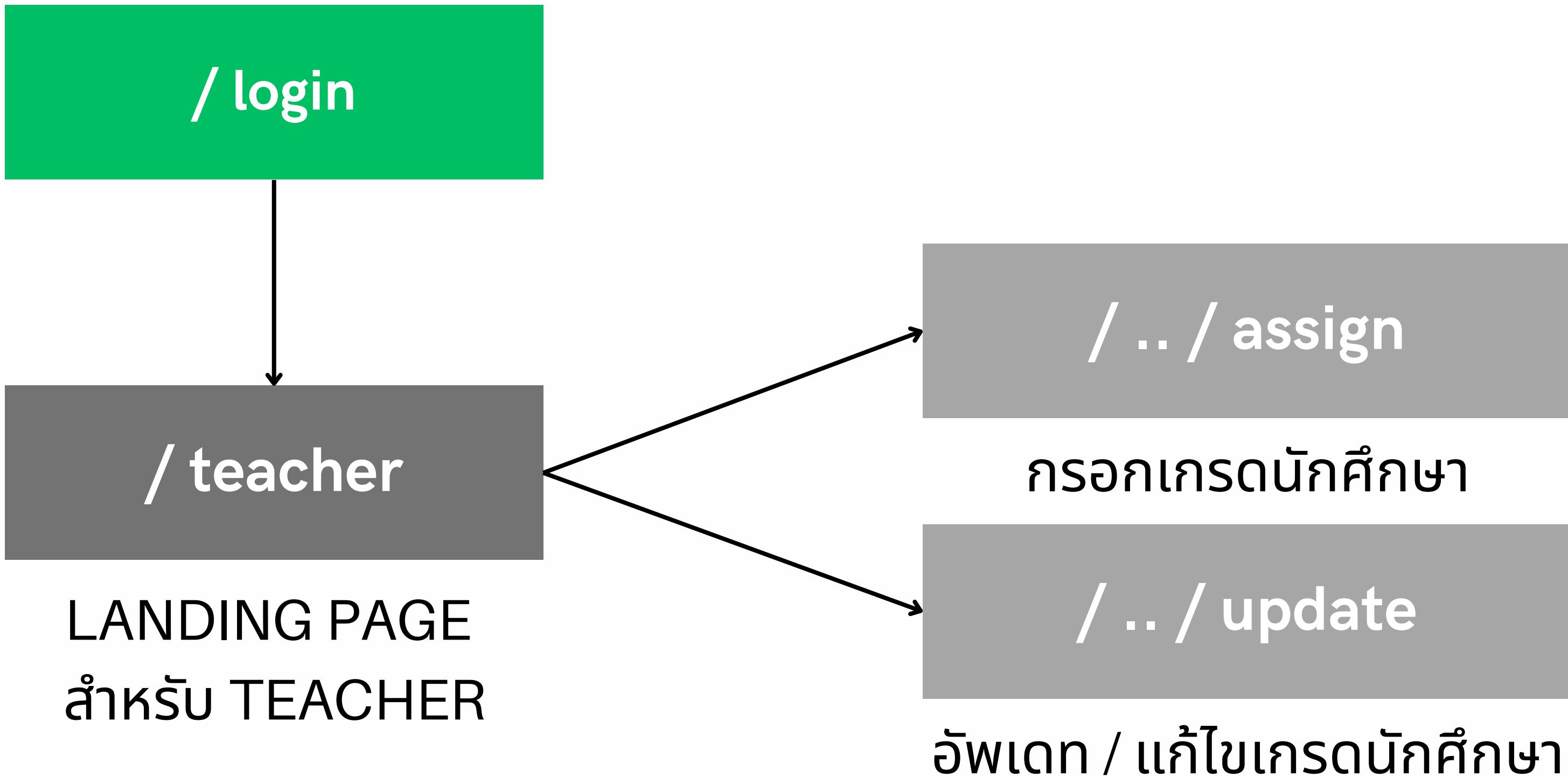
ADMIN : จัดการข้อมูล รายชื่อ สถานะของนักศึกษา

ກາພຣະມ WEBSITE



หน้าลงชื่อเข้าใช้

หน้าแสดงเกรดนักศึกษา



/ login

/ management

LANDING PAGE
สำหรับ ADMIN

/ register

ลงทะเบียนนักเรียนใหม่เข้าระบบ

/ studentmanagement

เรียกรายชื่อนักศึกษา
จากฐานข้อมูล

/ .. / update

แก้ไขข้อมูลนักศึกษา

/ .. / delete

ลบข้อมูลนักศึกษา

Model

user		subject	
name	...	Python	...
surname	...	Java	...
id	...	Matlab	...
password	...	Rust	...
role	...		
status	...		
year	...		

master	
name	...
surname	...
role	...

status	
status	...
message	...
sessiontime	...

POST

/login

```
{ "status": { "message": "student login successfully.", "sessiontime": 1000, "status": "successful" }}
```

http status : 201

```
- - - - "user_id": "6303051613050",  
- - - - "user_password": "perawit007"
```

```
{ "status": { "message": "Incorrect Login Infomation, Please Try Again.", "sessiontime": 0, "status": "failed" }}
```

http status : 401

/ grade

```
{  
    "status": {  
        "message": "already logged in.",  
        "sessiontime": 1000,  
        "status": "successful"  
    },  
    "subjects": {  
        "java": "A",  
        "matlab": "A",  
        "python": "A",  
        "rust": "A"  
    },  
    "user": {  
        "user_id": "6303051613050",  
        "user_name": "perawit",  
        "user_password": "perawit007",  
        "user_role": "student",  
        "user_status": "enrolled",  
        "user_surname": "anansukatham",  
        "user_year": 3  
    }  
}
```

http status : 200

```
{  
    "status": {  
        "message": "Session expired, please login.",  
        "sessiontime": 0,  
        "status": "time out"  
    }  
}
```

http status : 401

GET

/ teacher

```
{  
  "master": {  
    "master_name": "prayut",  
    "master_role": "teacher",  
    "master_surname": "rod o cha"  
  }  
}  
  
http status : 200
```

```
{  
  "status": {  
    "message": "You are forbidden from this action.",  
    "sessiontime": 0,  
    "status": "failed"  
  }  
}  
  
http status : 403
```

/teacher / assign

```
{  
  "master": {  
    "master_name": "prayut",  
    "master_surname": "rod-o-cha",  
    "master_role": "teacher"  
  },  
  
  "user_id": "6303051613050",  
  "user_name": "perawit",  
  "user_surname": "anansukatham",  
  
  "subjects": {  
    "python": "A",  
    "java": "A",  
    "matlab": "A",  
    "rust": "A"  
  }  
}
```

```
"status": {  
  "message": "Grading Successful.",  
  "sessiontime": 3000,  
  "status": "successful"  
},  
"subjects": {  
  "java": "A",  
  "matlab": "A",  
  "python": "A",  
  "rust": "A"  
},  
"user_id": "6303051613050",  
"user_name": "perawit",  
"user_surname": "anansukatham"
```

http status : 201

```
"status": {  
  "message": "You are forbidden from this action.",  
  "sessiontime": 0,  
  "status": "failed"  
}
```

http status : 403

PUT

/ teacher / update

```
        "master_role": "teacher",
        "user_name": "perawit",
        "user_surname": "anansukatham",
        "user_id": "6303051613050",

        "subject": {
            "python": "A+",
            "java": "A+",
            "matlab": "A+",
            "rust": "A+"
        }
    }
```

```
{  
  "status": {  
    "message": "Grade Updated Successfully.",  
    "sessiontime": 3000,  
    "status": "successful"  
  },  
  "subject": {  
    "java": "A+",  
    "matlab": "A+",  
    "python": "A+",  
    "rust": "A+"  
  },  
  "user_id": "6303051613050",  
  "user_name": "perawit",  
  "user_surname": "anansukatham"  
}
```

http status : 200

```
{  
  "status": {  
    "message": "access denied",  
    "sessiontime": 0,  
    "status": "failed"  
  }  
}
```

http status : 403

http status : 403

POST

/ register

```
{  
  "master": {  
    "master_name": "prayut",  
    "master_surname": "rod-o-cha",  
    "master_role": "admin"  
  },  
  "user": {  
    "user_name": "perawit",  
    "user_surname": "anansukatham",  
    "user_id": "6303051613050",  
    "user_password": "perawit007",  
    "user_role": "student",  
    "user_status": "enrolled",  
    "user_year": 3  
  }  
}
```

```
{  
  "status": {  
    "message": "registration successful",  
    "sessiontime": 1000,  
    "status": "successful"  
  },  
  "user": {  
    "user_id": "6303051613050",  
    "user_name": "perawit",  
    "user_password": "perawit007",  
    "user_role": "student",  
    "user_status": "enrolled",  
    "user_surname": "anansukatham",  
    "user_year": 3  
  }  
}
```

http status : 201

```
{  
  "status": {  
    "message": "access denied",  
    "sessiontime": 0,  
    "status": "failed"  
  }  
}
```

http status : 403

GET

/ management

```
{"master": {  
    "master_name": "prayut",  
    "master_role": "admin",  
    "master_surname": "rod o cha"  
},  
"status": {  
    "message": "already logged in.",  
    "sessiontime": 2000,  
    "status": "successful"  
}  
http status : 200
```

```
{"status": {  
    "message": "You are forbidden from this action.",  
    "sessiontime": 0,  
    "status": "failed"  
}  
http status : 403
```

GET

/ studentmanagement

```
{  
    "user_id": "6303051613050",  
    "user_name": "perawit",  
    "user_role": "student",  
    "user_surname": "anansukatham"  
},  
{  
    "user_id": "6303051613051",  
    "user_name": "somchai",  
    "user_role": "student",  
    "user_surname": "jaidee"  
}  
  
http status :200
```

```
{"status": {  
    "message": "You are forbidden from this action.",  
    "sessiontime": 0,  
    "status": "failed"  
}}  
  
http status :403
```

/ studentmanagement / update

```
{  
    "master_role": "teacher",  
    "user_name": "perawit",  
    "user_surname": "anansukatham",  
    "user_id": "6303051613050",  
    "user_status": "graduted",  
    "user_year": "4"  
}
```

```
{  
    "status": {  
        "message": "Student Updated Successfully.",  
        "sessiontime": 3000,  
        "status": "successful"  
    },  
    "user_id": "6303051613050",  
    "user_name": "perawit",  
    "user_status": "graduted",  
    "user_surname": "anansukatham",  
    "user_year": "4"  
}  
http status : 200
```

```
{  
    "status": {  
        "message": "access denied",  
        "sessiontime": 0,  
        "status": "failed"  
    }  
}  
http status : 403
```

DELETE

/ studentmanagement / delete

```
5
...
"master_role": "admin",
"user_id": "6303051613050"
7
```

```
5
{
  "status": {
    "message": "student delete successfully",
    "sessiontime": 2000,
    "status": "successful"
  }
}
http status:200
```

```
5
{
  "status": {
    "message": "access denied",
    "sessiontime": 0,
    "status": "failed"
  }
}
http status:403
```

THANK YOU



JUMPBOX