

all APIs in midterm project, banking

<http://127.0.0.1:5000/login>

using to login into System

HEADERS

Content-Type application/x-www-form-urlencoded

BODY urlencoded

email duchuy1096@gmail.com

password 1234

<http://127.0.0.1:5000/OTP>

request a OTP from server, using to authenticate when doing payment

HEADERS

```
Content-Type      application/json
```

BODY raw

```
"email": "duchuy1096@gmail.com",  
"stuId": "51703096"
```

<http://127.0.0.1:5000/getTuition/51703096>

get the tuition fee by student Id

BODY formdata

<http://127.0.0.1:5000/balance/duchuy1096@gmail.com>

get the balance value by user email

BODY formdata

<http://127.0.0.1:5000/login>

```
POST /login HTTP/1.1
Host: 127.0.0.1:5000
Content-Type: application/x-www-form-urlencoded
Content-Length: 42
```

email=duchuy1096%40gmail.com&password=1234

200 OK

Body Headers (5)

```
<!doctype html>
<html>
<head>

<title>Index</title>

<link href="https://fonts.googleapis.com/css?family=Roboto:300,400,500,700" rel="stylesheet" type="text/css">
<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.5.0/css/all.css" integrity="sha384-Q6W0b6UdOvcd+ml1tpnSMqS48o1lE1dfJv/qWZn3rSz+WX46WRzZbQ27XUZ8ZOE2">
<script src="/static/script.js"></script>
<link rel="stylesheet" href="/static/css/main.css" type="text/css">
<script src="/static/jquery-3.6.0.min.js"></script>
```

<http://127.0.0.1:5000/OTP>

```
POST /OTP HTTP/1.1
Host: 127.0.0.1:5000
Content-Type: application/json
Content-Length: 56
```

```
{
  "email": "duchuy1096@gmail.com",
  "stuId": "51703096"
}
```

<http://127.0.0.1:5000/getTuition/51703096>

```
GET /getTuition/51703096 HTTP/1.1
Host: 127.0.0.1:5000
Content-Length: 38
Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YWxkTrZu0gW

----WebKitFormBoundary7MA4YWxkTrZu0gW
```

200 OK

Body Headers (5)

```
{
  "student_fee": 390000
}
```

<http://127.0.0.1:5000/balance/duchuy1096@gmail.com>

```
GET /balance/duchuy1096@gmail.com HTTP/1.1
Host: 127.0.0.1:5000
Content-Length: 38
Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YWxkTrZu0gW

----WebKitFormBoundary7MA4YWxkTrZu0gW
```

200 OK

Body Headers (4)

```
{
  "balance": 167000
}
```

POST http://127.0.0.1:5000/getHistory	
http://127.0.0.1:5000/getHistory	
get payment history of current user who logged in	
BODY formdata	
GET http://127.0.0.1:5000/getUserLoginInfo	
http://127.0.0.1:5000/getUserLoginInfo	
get detail student information of logged in user	
BODY formdata	
POST http://127.0.0.1:5000/chargeStudentFee	
http://127.0.0.1:5000/chargeStudentFee	
charge student fee, validate by OTP, doing charge student fee	
HEADERS	
Content-Type	application/json
BODY raw	
{ "stdId": "51703096", "fee": "100000", "otp": "717366" }	
GET http://127.0.0.1:5000/logout	
http://127.0.0.1:5000/logout	
log out from system, remove session	
BODY formdata	

Example Request		http://127.0.0.1:5000/getHistory
POST /getHistory HTTP/1.1 Host: 127.0.0.1:5000 Content-Length: 38 Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YwXkTrZu0gW ----WebKitFormBoundary7MA4YwXkTrZu0gW		
Example Request		http://127.0.0.1:5000/getUserLoginInfo
GET /getUserLoginInfo HTTP/1.1 Host: 127.0.0.1:5000 Content-Length: 38 Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YwXkTrZu0gW ----WebKitFormBoundary7MA4YwXkTrZu0gW		
Example Response		200 OK
<div>BodyHeaders (5)</div> <div><pre>{ "studentInfo": [{ "email": "duchuy1096@gmail.com", "fee": 100000, "fname": "Le Cao Duc Huy", "id": 1, "phone": "012321424", "studentId": "51703096" }] }</pre></div> <div>View More</div>		
Example Request		http://127.0.0.1:5000/chargeStudentFee
POST /chargeStudentFee HTTP/1.1 Host: 127.0.0.1:5000 Content-Type: application/json Content-Length: 57 { "stdId": "51703096", "fee": "100000", "otp": "717366" }		
Example Request		http://127.0.0.1:5000/logout
GET /logout HTTP/1.1 Host: 127.0.0.1:5000 Content-Length: 38 Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YwXkTrZu0gW ----WebKitFormBoundary7MA4YwXkTrZu0gW		
Example Response		200 OK
<div>BodyHeaders (5)</div> <div><pre><html> <!DOCTYPE html> <html> <head> <meta name="viewport" content="width=device-width, initial-scale=1"> <title> Login Page </title> <style> Body { font-family: Calibri, Helvetica, sans-serif;</pre></div> <div>View More</div>		