

## 1. Pagination dan Filter

search email:gmail, sort email:asc

The screenshot displays a REST client interface with a GET request to `http://localhost:5000/api/users/?search=email:gmail&sort=email:asc&page_size=5&page_number=1`. The request parameters are listed in a table below:

Name	Value
search	email:gmail
sort	email:asc
page_size	5
page_number	1

The response is a JSON object with the following structure:

```
{
  "page_number": 1,
  "page_size": 5,
  "count": 11,
  "total_pages": 3,
  "has_previous_page": false,
  "has_next_page": true,
  "data": [
    {
      "id": "6629168dadc8e2f59b4a2f8e",
      "name": "AHAHAHA",
      "email": "AHAHAHA@gmail.com"
    },
    {
      "id": "66289bd62a161f96248a8be7",
      "name": "Castoria 1",
      "email": "BCastoriaMorgan1@gmail.com"
    },
    {
      "id": "66289be22a161f96248a8beb",
      "name": "Morga 1",
      "email": "CastoriaMorgan2@gmail.com"
    },
    {
      "id": "66289c142a161f96248a8bfb",
      "name": "Gudao",
      "email": "Chaldeal@gmail.com"
    },
    {
      "id": "66289c0a0a161f96248a8bf3",
      "name": "Gudao",
      "email": "Chaldeal@gmail.com"
    }
  ]
}
```

sort name:desc

GEThttp://localhost:5000/api/users/?search=email:gmail&sort=name:desc&page\_size=5&page\_number=1

Query4BodyHeaders1AuthVarsScriptAssertTestsDocs

Name	Value	
search	email:gmail	<input checked="" type="checkbox"/>
sort	name:desc	<input checked="" type="checkbox"/>
page_size	5	<input checked="" type="checkbox"/>
page_number	1	<input checked="" type="checkbox"/>

+ Add Param

ResponseHeadersTimelineTests

200 OK71ms535B

```
1 {
2   "page_number": 1,
3   "page_size": 5,
4   "count": 11,
5   "total_pages": 3,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "66289bf72a161f96248a8bef",
11      "name": "OberonVortigern",
12      "email": "Oberon@gmail.com"
13    },
14    {
15      "id": "66289c072a161f96248a8bf3",
16      "name": "MusashiMiyayomo",
17      "email": "Void@gmail.com"
18    },
19    {
20      "id": "66289be22a161f96248a8beb",
21      "name": "Morga 1",
22      "email": "CasteriaMorgan2@gmail.com"
23    },
24    {
25      "id": "66289c1b2a161f96248a8bff",
26      "name": "Mashu",
27      "email": "ChaldeaMashu@gmail.com"
28    },
29    {
30      "id": "66289c160640b3502201c0b5"
```

search email:chaldea

GEThttp://localhost:5000/api/users/?search=email:chaldea&page\_size=5&page\_number=1

Query3BodyHeaders1AuthVarsScriptAssertTestsDocs

Name	Value	
search	email:chaldea	<input checked="" type="checkbox"/>
sort		<input type="checkbox"/>
page_size	5	<input checked="" type="checkbox"/>
page_number	1	<input checked="" type="checkbox"/>

+ Add Param

ResponseHeadersTimelineTests

200 OK67ms439B

```
1 {
2   "page_number": 1,
3   "page_size": 5,
4   "count": 11,
5   "total_pages": 3,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "66289c142a161f96248a8bfb",
11      "name": "Gudao",
12      "email": "Chaldeal@gmail.com"
13    },
14    {
15      "id": "66289c0e2a161f96248a8bf7",
16      "name": "Gudako",
17      "email": "Chaldea@gmail.com"
18    },
19    {
20      "id": "66289c1b2a161f96248a8bff",
21      "name": "Mashu",
22      "email": "ChaldeaMashu@gmail.com"
23    },
24    {
25      "id": "66289c232a161f96248a8c03",
26      "name": "Fujimaru",
27      "email": "Ritsukachaldea@gmail.com"
28    }
29  ]
30 }
```

search name:castoria

GET

http://localhost:5000/api/users/?search=name:castoria &page\_size=5&page\_number=1

Query3

Body

Headers1

Auth

Vars

Script

Assert

Tests

Docs

Name	Value	
search	name:castoria	<input checked="" type="checkbox"/>
sort		<input type="checkbox"/>
page_size	5	<input checked="" type="checkbox"/>
page_number	1	<input checked="" type="checkbox"/>

+ Add Param

Response

Headers

Timeline

Tests

200 OK

67ms

205B

```
1 {
2   "page_number": 1,
3   "page_size": 5,
4   "count": 11,
5   "total_pages": 3,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "66289bd62a161f96248a8be7",
11      "name": "Castoria 1",
12      "email": "BCastoriaMorgan1@gmail.com"
13    }
14  ]
15 }
```

page\_number 2

GET

http://localhost:5000/api/users/?search=email:gmail&page\_size=3&page\_number=2

Query3

Body

Headers1

Auth

Vars

Script

Assert

Tests

Docs

Name	Value	
search	email:gmail	<input checked="" type="checkbox"/>
sort		<input type="checkbox"/>
page_size	3	<input checked="" type="checkbox"/>
page_number	2	<input checked="" type="checkbox"/>

+ Add Param

Response

Headers

Timeline

Tests

200 OK

69ms

351B

```
1 {
2   "page_number": 2,
3   "page_size": 3,
4   "count": 11,
5   "total_pages": 4,
6   "has_previous_page": true,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "66289c142a161f96248a8bfb",
11      "name": "Gudao",
12      "email": "Chaldeal@gmail.com"
13    },
14     {
15      "id": "66289c0e2a161f96248a8bf7",
16      "name": "Gudako",
17      "email": "Chaldea@gmail.com"
18    },
19     {
20      "id": "66289c1b2a161f96248a8bff",
21      "name": "Mashu",
22      "email": "ChaldeaMashu@gmail.com"
23    }
24  ]
25 }
```

Jika tidak ada page number tetapi ada page size

GEThttp://localhost:5000/api/users/?search=email&page\_size=3

Query2BodyHeaders1AuthVarsScriptAssertTestsDocs

Name	Value	
search	email:gmail	<input checked="" type="checkbox"/>
sort		<input type="checkbox"/>
page_size	3	<input checked="" type="checkbox"/>
page_number		<input type="checkbox"/>

+ Add Param

ResponseHeadersTimelineTests

200 OK270ms1.26KB

```
1 [
2   {
3     "page_number": 1,
4     "page_size": 3,
5     "count": 11,
6     "total_pages": 4,
7     "has_previous_page": false,
8     "has_next_page": true,
9     "data": [
10      {
11        "id": "6629168dad8e2f59b4a2f8e",
12        "name": "AHHAHAHA",
13        "email": "AHHAHAHA@gmail.com"
14      },
15      {
16        "id": "66289bd62a161f96248a8be7",
17        "name": "Castoria 1",
18        "email": "BCastoriaMorgan1@gmail.com"
19      },
20      {
21        "id": "66289be22a161f96248a8beb",
22        "name": "Morga 1",
23        "email": "CastoriaMorgan2@gmail.com"
24      }
25    ]
26  },
27  {
28    "page_number": 2,
29    "page_size": 3,
30    "count": 11
```

GEThttp://localhost:5000/api/users/?search=email&page\_size=3

Query2BodyHeaders1AuthVarsScriptAssertTestsDocs

Name	Value	
search	email:gmail	<input checked="" type="checkbox"/>
sort		<input type="checkbox"/>
page_size	3	<input checked="" type="checkbox"/>
page_number		<input type="checkbox"/>

+ Add Param

ResponseHeadersTimelineTests

200 OK270ms1.26KB

```
32     "has_previous_page": true,
33     "has_next_page": true,
34     "data": [
35       {
36         "id": "66289c142a161f96248a8bfb",
37         "name": "Gudao",
38         "email": "Chaldeal@gmail.com"
39       },
40       {
41         "id": "66289c0e2a161f96248a8bf7",
42         "name": "Gudako",
43         "email": "Chaldea@gmail.com"
44       },
45       {
46         "id": "66289c1b2a161f96248a8bff",
47         "name": "Mashu",
48         "email": "ChaldeaMashu@gmail.com"
49       }
50     ]
51   },
52   {
53     "page_number": 3,
54     "page_size": 3,
55     "count": 11,
56     "total_pages": 4,
57     "has_previous_page": true,
58     "has_next_page": true,
59     "data": [
60       {
61         "id": "6628ce169f48b3522301e2bf",
```

GET http://localhost:5000/api/users/?search=email:gmail&page\_size=5&page\_number=2

Query<sup>3</sup> Body Headers<sup>1</sup> Auth Vars Script Assert Tests Docs

Name	Value	
search	email:gmail	<input checked="" type="checkbox"/>
sort	name:asc	<input type="checkbox"/>
page_size	5	<input checked="" type="checkbox"/>
page_number	2	<input checked="" type="checkbox"/>

+ Add Param

Response Headers Timeline Tests

200 OK 71ms 534B

```
1 {
2   "page_number": 2,
3   "page_size": 5,
4   "count": 11,
5   "total_pages": 3,
6   "has_previous_page": true,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "66289c1b2a161f96248a8bff",
11      "name": "Mashu",
12      "email": "ChaldeaMashu@gmail.com"
13    },
14    {
15      "id": "66289c169f48b3522301e2bf",
16      "name": "Makoto",
17      "email": "MakotoMachi@gmail.com"
18    },
19    {
20      "id": "66289bf72a161f96248a8bef",
21      "name": "OberonVortigern",
22      "email": "Oberon@gmail.com"
23    },
24    {
25      "id": "66289c232a161f96248a8c03",
26      "name": "Fujimaru",
27      "email": "Ritsukachaldea@gmail.com"
28    },
29    {
30      "id": "66289c032a161f96248a8c53"
```

Jika query search tidak diisi akan return no data

GET http://localhost:5000/api/users/

Query Body Headers<sup>1</sup> Auth Vars Script Assert Tests Docs

Name	Value	
search	email:gmail	<input type="checkbox"/>
sort	name:asc	<input type="checkbox"/>
page_size	5	<input type="checkbox"/>
page_number	2	<input type="checkbox"/>

+ Add Param

Response Headers Timeline Tests

404 Not Found 46ms 192B

```
1 {
2   "statusCode": 404,
3   "error": "NOT_FOUND_ERROR",
4   "description": "Empty response, not found",
5   "message": "NO USERS FOUND IN THE DATABASE!",
6   "validation_errors": "Required search query on the parameter!"
7 }
```

Jika hanya query search diisi (sort default email:asc, page number1 dan pagesize semua data yg ditampilkan)

GETlocalhost:5000/api/users/?search=email:gmail

Query 1

Body

Headers 1

Auth

Vars

Script

Assert

Tests

Docs

Name	Value	
search	email:gmail	<input checked="" type="checkbox"/>
sort	name:asc	<input type="checkbox"/>
page_size	5	<input type="checkbox"/>
page_number	2	<input type="checkbox"/>

+ Add Param

Response

Headers

Timeline

Tests

200 OK

67ms

949B

```
1 {
2   "page_number": 1,
3   "page_size": 11,
4   "count": 11,
5   "total_pages": 1,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "6629168dad8e2f59b4a2f8e",
11      "name": "AHAHAHA",
12      "email": "AHAHAHA@gmail.com"
13    },
14    {
15      "id": "66289bd62a161f96248a8be7",
16      "name": "Castoria 1",
17      "email": "BCastoriaMorgan1@gmail.com"
18    },
19    {
20      "id": "66289be22a161f96248a8beb",
21      "name": "Morga 1",
22      "email": "CastoriaMorgan2@gmail.com"
23    },
24    {
25      "id": "66289c142a161f96248a8bfb",
26      "name": "Gudao",
27      "email": "Chaldeal@gmail.com"
28    },
29    {
30      "id": "66289c232a161f96248a8c03",
31      "name": "Fujimaru",
32      "email": "Ritsukachaldea@gmail.com"
33    }
34  ]
35 }
```

GETlocalhost:5000/api/users/?search=name:fujimaru&sort=name:asc&page\_size=1&page\_number=1

Query 4

Body

Headers 1

Auth

Vars

Script

Assert

Tests

Docs

Name	Value	
search	name:fujimaru	<input checked="" type="checkbox"/>
sort	name:asc	<input checked="" type="checkbox"/>
page_size	1	<input checked="" type="checkbox"/>
page_number	1	<input checked="" type="checkbox"/>

+ Add Param

Response

Headers

Timeline

Tests

200 OK

69ms

202B

```
1 {
2   "page_number": 1,
3   "page_size": 1,
4   "count": 11,
5   "total_pages": 11,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "66289c232a161f96248a8c03",
11      "name": "Fujimaru",
12      "email": "Ritsukachaldea@gmail.com"
13    }
14  ]
15 }
```

## 2. Login Attempts Limit

POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schaleaa"
4 }
5
6
```

Response Headers Timeline Tests

403 Forbidden 4.71s 178B

```
1 {
2   "statusCode": 403,
3   "error": "INVALID_PASSWORD_ERROR",
4   "description": "Invalid password",
5   "message": "[2024-4-4 20:49:1] User TokidawaRailgun3@gmail.com failed to login!. Attempt = 1"
6 }
```

POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schaleaa"
4 }
5
6
```

Response Headers Timeline Tests

403 Forbidden 4.58s 179B

```
1 {
2   "statusCode": 403,
3   "error": "INVALID_PASSWORD_ERROR",
4   "description": "Invalid password",
5   "message": "[2024-4-4 20:49:20] User TokidawaRailgun3@gmail.com failed to login!. Attempt = 2"
6 }
```

POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schaleaa"
4 }
5
6
```

Response Headers Timeline Tests

403 Forbidden 4.61s 179B

```
1 {
2   "statusCode": 403,
3   "error": "INVALID_PASSWORD_ERROR",
4   "description": "Invalid password",
5   "message": "[2024-4-4 20:49:30] User TokidawaRailgun3@gmail.com failed to login!. Attempt = 3"
6 }
```

POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schaleaa"
4 }
5
6
```

Response Headers Timeline Tests

403 Forbidden 4.60s 179B

```
1 {
2   "statusCode": 403,
3   "error": "INVALID_PASSWORD_ERROR",
4   "description": "Invalid password",
5   "message": "[2024-4-4 20:49:40] User TokidawaRailgun3@gmail.com failed to login!. Attempt = 4"
6 }
```

Lebih dari 5 attempts akun akan mendapatkan locked timer selama 30 menit

POST

http://localhost:5000/api/authentication/login

Query

Body

Headers

Auth

Vars

Script

Assert

Tests

Docs

JSON

Prettify

1

{

2

"email" : "TokidawaRailgun3@gmail.com",

3

"password": "123456Fate/Grand\_Order\_Schaleaa"

4

}

5

6

Response

Headers

Timeline

Tests

403 Forbidden

4.60s

179B

1

{

2

"statusCode": 403,

3

"error": "INVALID\_PASSWORD\_ERROR",

4

"description": "Invalid password",

5

"message": "[2024-4-4 20:49:56] User TokidawaRailgun3@gmail.com fail

ed to login!. Attempt = 5"

6

}

POST

http://localhost:5000/api/authentication/login

Query

Body

Headers

Auth

Vars

Script

Assert

Tests

Docs

JSON

Prettify

1

{

2

"email" : "TokidawaRailgun3@gmail.com",

3

"password": "123456Fate/Grand\_Order\_Schaleaa"

4

}

5

6

Response

Headers

Timeline

Tests

403 Forbidden

4.62s

166B

1

{

2

"statusCode": 403,

3

"error": "INVALID\_PASSWORD\_ERROR",

4

"description": "Invalid password",

5

"message": "Limit Reached! Time left until you can try it again :) i

n 30 minutes!"

6

}

POST

http://localhost:5000/api/authentication/login

Query

Body

Headers

Auth

Vars

Script

Assert

Tests

Docs

JSON

Prettify

1

{

2

"email" : "TokidawaRailgun3@gmail.com",

3

"password": "123456Fate/Grand\_Order\_Schaleaa"

4

}

5

6

Response

Headers

Timeline

Tests

403 Forbidden

4.70s

166B

1

{

2

"statusCode": 403,

3

"error": "INVALID\_PASSWORD\_ERROR",

4

"description": "Invalid password",

5

"message": "Limit Reached! Time left until you can try it again :) i

n 28 minutes!"

6

}

POST

http://localhost:5000/api/authentication/login

Query

Body

Headers

Auth

Vars

Script

Assert

Tests

Docs

JSON

Prettify

1

{

2

"email" : "TokidawaRailgun3@gmail.com",

3

"password": "123456Fate/Grand\_Order\_Schaleaa"

4

}

5

6

Response

Headers

Timeline

Tests

403 Forbidden

3.20s

166B

1

{

2

"statusCode": 403,

3

"error": "INVALID\_PASSWORD\_ERROR",

4

"description": "Invalid password",

5

"message": "Limit Reached! Time left until you can try it again :) i

n 20 minutes!"

6

}



```
POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs
JSON Prettify

1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schaleaa"
4 }
5
6

Response Headers Timeline Tests
403 Forbidden 4.85s 165B

1 {
2   "statusCode": 403,
3   "error": "INVALID_PASSWORD_ERROR",
4   "description": "Invalid password",
5   "message": "Limit Reached! Time left until you can try it again :) i
6   n 9 minutes!"
7 }
```

```
POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs
JSON Prettify

1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schaleaa"
4 }
5
6

Response Headers Timeline Tests
403 Forbidden 4.69s 165B

1 {
2   "statusCode": 403,
3   "error": "INVALID_PASSWORD_ERROR",
4   "description": "Invalid password",
5   "message": "Limit Reached! Time left until you can try it again :) i
6   n 2 minutes!"
7 }
```

```
POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs
JSON Prettify

1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schaleaa"
4 }
5
6

Response Headers Timeline Tests
403 Forbidden 4.64s 165B

1 {
2   "statusCode": 403,
3   "error": "INVALID_PASSWORD_ERROR",
4   "description": "Invalid password",
5   "message": "Limit Reached! Time left until you can try it again :) i
6   n 1 minutes!"
7 }
```

Dan setelah waktunya habis maka akan mengembalikan respond bahwa attempt sudah tereset dan akun di unlocked

```
POST http://localhost:5000/api/authentication/login

Query Body Headers Auth Vars Script Assert Tests Docs
JSON Prettify

1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schalea"
4 }
5
6

Response Headers Timeline Tests
422 Unprocessable Entity 4.34s 141B

1 {
2   "statusCode": 422,
3   "error": "UNPROCESSABLE_ENTITY_ERROR",
4   "description": "Unprocessable entity",
5   "message": "Your attempts are reseted! goodluck!"
6 }
```

```
POST http://localhost:5000/api/authentication/login

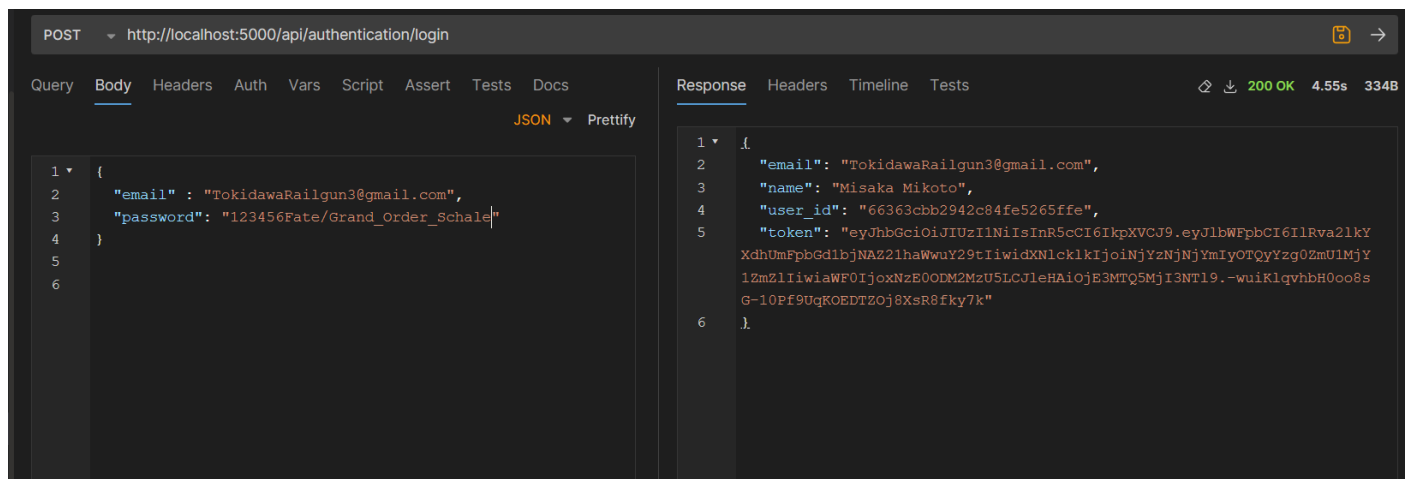
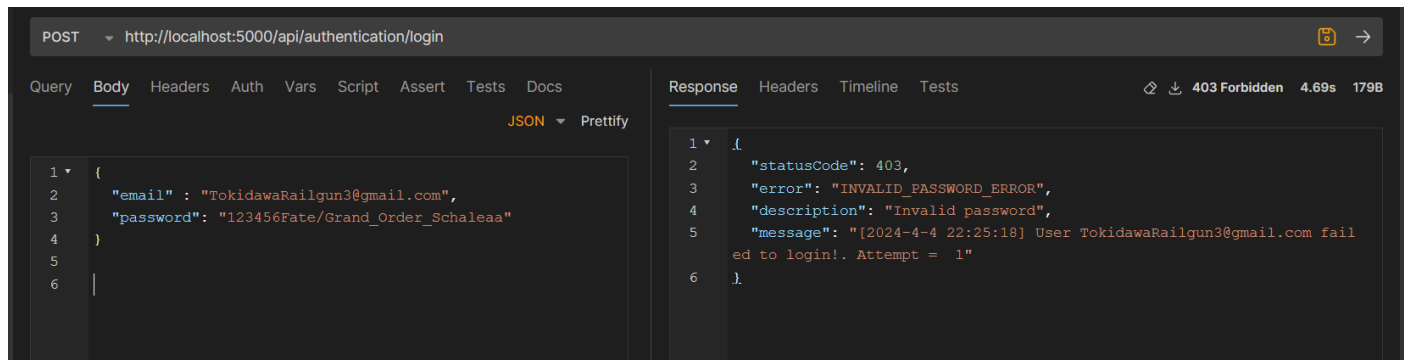
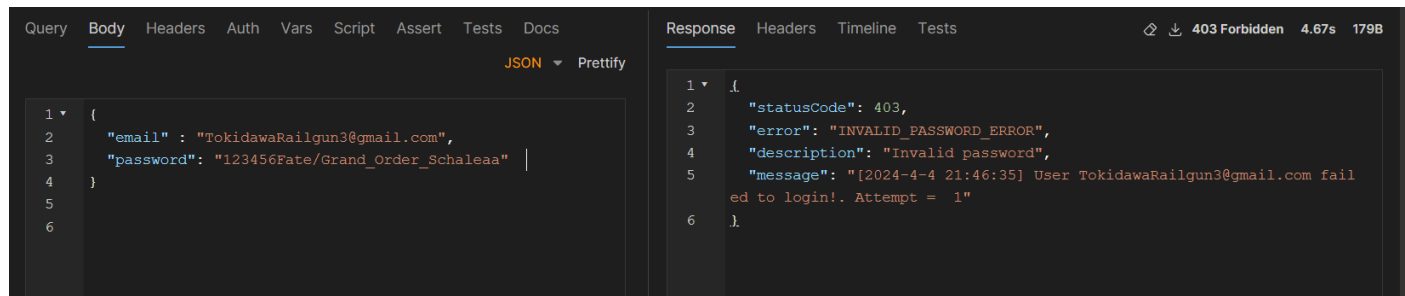
Query Body Headers Auth Vars Script Assert Tests Docs
JSON Prettify

1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "password": "123456Fate/Grand_Order_Schalea"
4 }
5
6

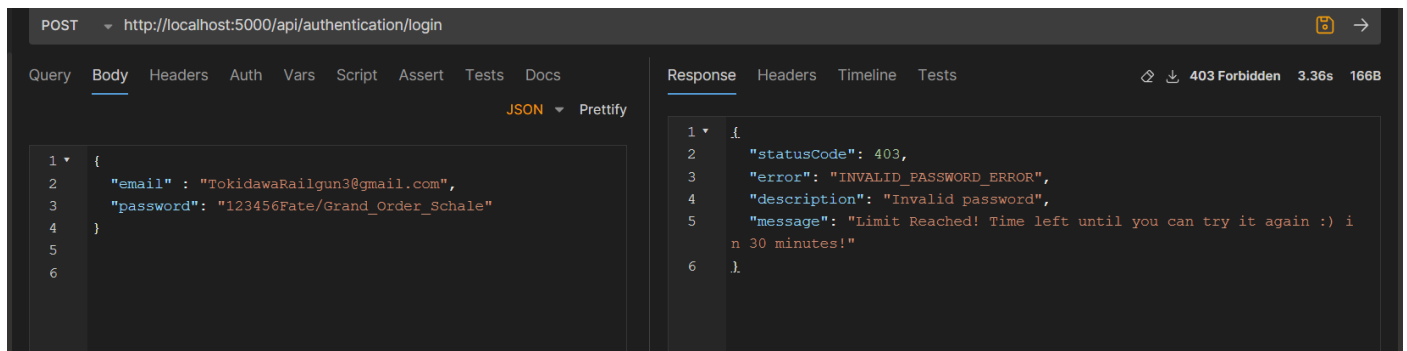
Response Headers Timeline Tests
200 OK 3.14s 334B

1 {
2   "email": "TokidawaRailgun3@gmail.com",
3   "name": "Misaka Mikoto",
4   "user_id": "66363cbb2942c84fe5265ffe",
5   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFnZW50IjI6ImRva2lkYXdhUmFpbGd1bWVudC93d7rmpUMs"
6 }
```

Juga jika attempt tidak melebihi batas, maka setelah 30 menit lebih maka attemptnya akan ke reset. Bisa dilihat dalam waktunya [21:46] -> [22:25]



Dan juga walaupun password benar, tetapi jika user sudah ke locked, tidak akan bisa login sampai waktunya habis



### 3. Online Banking

## POST/CREATE ACCOUNT

POSThttp://localhost:5000/api/banking/

QueryBodyHeaders<sup>1</sup>AuthVarsScriptAssertTestsDocs

JSONPrettify

```
1 {
2   "name" : "Shirai Kuroko",
3   "userName": "KurokoShiraiMikoto",
4   "email": "kurokoshirai@gmail.com",
5   "password": "123456Fate/Grand_Order_Schale",
6   "password_confirm": "123456Fate/Grand_Order_Schale",
7   "address": "Tokidawa Dorm 1 Floor 20 Room 5 ",
8   "city": "Academy City",
9   "phoneNumber" : "08121278484112"
10 }
11 }
```

ResponseHeadersTimelineTests

200 OK3.41s196B

```
1 {
2   "name": "Shirai Kuroko",
3   "userName": "KurokoShiraiMikoto",
4   "email": "kurokoshirai@gmail.com",
5   "address": "Tokidawa Dorm 1 Floor 20 Room 5 ",
6   "city": "Academy City",
7   "phoneNumber": 8121278484112,
8   "balance": 0
9 }
```

## GET ACCOUNTS

GEThttp://localhost:5000/api/banking/?search=userName:mikoto&sort=balance:desc&page\_size=3&page\_number=1

Query<sup>4</sup>BodyHeaders<sup>1</sup>AuthVarsScriptAssertTestsDocs

200 OK70ms343B

Name	Value	
search	userName:mikoto	<input checked="" type="checkbox"/>
sort	balance:desc	<input checked="" type="checkbox"/>
page_size	3	<input checked="" type="checkbox"/>
page_number	1	<input checked="" type="checkbox"/>

+ Add Param

ResponseHeadersTimelineTests

```
1 {
2   "page_number": 1,
3   "page_size": 3,
4   "count": 13,
5   "total_pages": 5,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "6637429c166cff3b8a00029b",
11      "name": "Shirai Kuroko",
12      "userName": "KurokoShiraiMikoto",
13      "email": "kurokoshirai@gmail.com",
14      "address": "Tokidawa Dorm 1 Floor 20 Room 5 ",
15      "city": "Academy City",
16      "phoneNumber": 8121278484112,
17      "balance": 0
18    }
19  ]
20 }
```

GET

http://localhost:5000/api/banking/?search=userName: Misaka&sort=balance: desc&page\_size=3&page\_number=1

Query4

Body

Headers1

Auth

Vars

Script

Assert

Tests

Docs

Name	Value	
search	userName: Misaka	<div><div></div><div></div></div>
sort	balance: desc	<div><div></div><div></div></div>
page_size	3	<div><div></div><div></div></div>
page_number	1	<div><div></div><div></div></div>

+ Add Param

Response

Headers

Timeline

Tests

200 OK

83ms

828B

```
1 {
2   "page_number": 1,
3   "page_size": 3,
4   "count": 13,
5   "total_pages": 5,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "6634f136d156576d5233a69c",
11      "name": "Misaka Sister 19999",
12      "userName": "MisakaSister19999",
13      "email": "MisakaSisterSeries19999@gmail.com",
14      "address": "Tokidawa Dorm 1 Floor 8 Room 7 ",
15      "city": "Academic City",
16      "phoneNumber": 8121278409,
17      "balance": 189000
18    },
19    {
20      "id": "6634f0a0d156576d5233a67e",
21      "name": "Misaka Mikoto",
22      "userName": "MisakaRailgun3",
23      "email": "TokidawaMikoto@gmail.com",
24      "address": "Tokidawa Dorm 1 Floor 8 Room 5",
25      "city": "Academic City",
26      "phoneNumber": 812127843,
27      "balance": 110000
28    },
29    {
30      "id": "6634f0dbd156576d5233a685",
31      "name": "Misaka Sister 10021",
32      "userName": "MisakaSister10021",
33      "email": "MisakaSisterSeries10021@gmail.com",
34      "address": "Tokidawa Dorm 1 Floor 8 Room 2",
35      "city": "Academic City",
36      "phoneNumber": 812127843,
37      "balance": 0
38    }
39  ]
40 }
```

GET

http://localhost:5000/api/banking/?search=email: Mikoto&sort=balance: desc&page\_size=3&page\_number=1

Query4

Body

Headers1

Auth

Vars

Script

Assert

Tests

Docs

Name	Value	
search	email: Mikoto	<div><div></div><div></div></div>
sort	balance: desc	<div><div></div><div></div></div>
page_size	3	<div><div></div><div></div></div>
page_number	1	<div><div></div><div></div></div>

+ Add Param

Response

Headers

Timeline

Tests

200 OK

128ms

341B

```
1 {
2   "page_number": 1,
3   "page_size": 3,
4   "count": 13,
5   "total_pages": 5,
6   "has_previous_page": false,
7   "has_next_page": true,
8   "data": [
9     {
10      "id": "6634f0a0d156576d5233a67e",
11      "name": "Misaka Mikoto",
12      "userName": "MisakaRailgun3",
13      "email": "TokidawaMikoto@gmail.com",
14      "address": "Tokidawa Dorm 1 Floor 8 Room 5",
15      "city": "Academic City",
16      "phoneNumber": 812127843,
17      "balance": 110000
18    }
19  ]
20 }
```

## GET ACCOUNT BY ID

GET

http://localhost:5000/api/banking/6634f0a0d156576d5233a67e

QueryBodyHeaders<sup>1</sup>AuthVarsScriptAssertTestsDocs

No Body

ResponseHeadersTimelineTests

200 OK281ms194B

1{

2  "name": "Misaka Mikoto",

3  "userName": "MisakaRailgun3",

4  "email": "TokidawaMikoto@gmail.com",

5  "address": "Tokidawa Dorm 1 Floor 8 Room 5",

6  "city": "Academic City",

7  "phoneNumber": 812127843,

8  "balance": 110000

9  }

## POST/LOGIN ACCOUNT BY USERNAME

POST

http://localhost:5000/api/banking/login

QueryBodyHeadersAuthVarsScriptAssertTestsDocs

JSONPrettify

1{

2  "userName": "MisakaRailgun3",

3  "password": "123456Fate/Grand\_Order\_Schale"

4  }

ResponseHeadersTimelineTests

200 OK3.63s312B

1{

2  "userName": "MisakaRailgun3",

3  "name": "Misaka Mikoto",

4  "account\_id": "6634f0a0d156576d5233a67e",

5  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFPbCI6Iklpc2FrYVJhaWxndW4zIiwidXNlclkiOiJoInjYzNGYwYTBlkMTU2NTc2ZDUyMzNhNjdlIiwiaWF0IjoxNzE0ODk3NzcyLCJleHAiOiE3MTQ5ODQxNzJ9.2Ej710r5q\_RhAhSGkwjLNKRrSh5fUmMGXLu\_GTyvDyc"

6  }

## POST/UPDATE PASSWORD

POST

http://localhost:5000/api/banking/6634f136d156576d5233a69c/change-password

QueryBodyHeaders<sup>1</sup>AuthVarsScriptAssertTestsDocs

JSONPrettify

1{

2  "password\_old": "123456Fate/Grand\_Order\_Schale",

3  "password\_new": "123456Fate/Grand\_Order\_Schale1",

4  "password\_confirm": "123456Fate/Grand\_Order\_Schale1"

5  }

ResponseHeadersTimelineTests

200 OK6.24s81B

1{

2  "id": "6634f136d156576d5233a69c",

3  "password\_new": "123456Fate/Grand\_Order\_Schale1"

4  }

## DELETE/CLOSE ACCOUNT

DELETE

http://localhost:5000/api/banking/66350b75aaff63a899d64d18

QueryBodyHeaders<sup>1</sup>AuthVarsScriptAssertTestsDocs

Name	Value	
Authorization	JWT eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFPbCI6Iklpc2FrYVJhaWxndW4zIiwidXNlclkiOiJoInjYzNGYwYTBlkMTU2NTc2ZDUyMzNhNjdlIiwiaWF0IjoxNzE0ODk3NzcyLCJleHAiOiE3MTQ5ODQxNzJ9.2Ej710r5q_RhAhSGkwjLNKRrSh5fUmMGXLu_GTyvDyc	<input checked="" type="checkbox"/>

+ Add Header

ResponseHeadersTimelineTests

200 OK138ms125B

1{

2  "successMessage": "Account with ID 66350b75aaff63a899d64d18 and USER NAME: MisakaSister1996 has been successfully deleted! "

3  }

## PUT/UPDATE ACCOUNT DETAILS

The screenshot shows a REST client interface with a PUT request to `http://localhost:5000/api/banking/6634f0a0d156576d5233a67e/update-account`. The request body is a JSON object with city and address fields. The response is a 200 OK status with a success message.

```
PUT http://localhost:5000/api/banking/6634f0a0d156576d5233a67e/update-account
```

Query Body Headers<sup>1</sup> Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "city": "Academic City",
3   "address" : "Tokidawa Dorm 1 Floor 8 Room 5"
4 }
```

Response Headers Timeline Tests

200 OK 209ms 84B

```
1 {
2   "successMessage": "Account 6634f0a0d156576d5233a67e has been success
3   fully updated!"
4 }
```

## PATCH/DEPOSIT

The screenshot shows a REST client interface with a PATCH request to `http://localhost:5000/api/banking/6634f136d156576d5233a69c/deposit`. The request body is a JSON object with a deposit field. The response is a 200 OK status with account details including old and new balances.

```
PATCH http://localhost:5000/api/banking/6634f136d156576d5233a69c/deposit
```

Query Body Headers<sup>1</sup> Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "deposit": "10000"
3 }
```

Response Headers Timeline Tests

200 OK 136ms 75B

```
1 {
2   "id": "6634f136d156576d5233a69c",
3   "old_balance": 209000,
4   "new_balance": 219000
5 }
```

## PATCH/WITHDRAW

The screenshot shows a REST client interface with a PATCH request to `http://localhost:5000/api/banking/6634f136d156576d5233a69c/withdraw`. The request body is a JSON object with a withdraw field. The response is a 200 OK status with account details including old and new balances.

```
PATCH http://localhost:5000/api/banking/6634f136d156576d5233a69c/withdraw
```

Query Body Headers<sup>1</sup> Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "withdraw" : "100000"
3 }
```

Response Headers Timeline Tests

200 OK 146ms 75B

```
1 {
2   "id": "6634f136d156576d5233a69c",
3   "old_balance": 218800,
4   "new_balance": 118800
5 }
```

## PUT/TRANSFER

The screenshot shows a REST client interface with a PUT request to `http://localhost:5000/api/banking/6634f136d156576d5233a69c/transfer/`. The request body is a JSON object with target\_username and transfer\_amount fields. The response is a 200 OK status with transfer details including old and new balances for both sender and receiver.

```
PUT http://localhost:5000/api/banking/6634f136d156576d5233a69c/transfer/
```

Query Body Headers<sup>1</sup> Auth Vars Script Assert Tests Docs

JSON Prettify

```
1 {
2   "target_username": "MisakaRailgun3",
3   "transfer_amount": "100000"
4 }
```

Response Headers Timeline Tests

200 OK 232ms 115B

```
1 {
2   "Transfer_Detail": {
3     "old_balance": 118800,
4     "new_balance": 18800,
5     "Receiver": "MisakaRailgun3",
6     "transfer_amount": 100000
7   }
8 }
```

# GET/TRANSACTIONS' DETAILS

GEThttp://localhost:5000/api/banking/transaction

QueryBodyHeaders<sup>1</sup>AuthVarsScriptAssertTestsDocs

Name	Value
------	-------

+ Add Param

ResponseHeadersTimelineTests

200 OK107ms14.5KB

```
1 {
2   "transaction": [
3     {
4       "userName": "MisakaSister19999",
5       "userName_received": "MisakaRailgun3",
6       "transactionValue": 100000,
7       "time": "Sun May 05 2024 15:35:56 GMT+0700 (Western Indonesia T
ime)"
8     },
9     {
10      "userName": "MisakaRailgun3",
11      "userName_sender": "MisakaSister19999",
12      "old_balance": 110000,
13      "current_balance": 210000,
14      "transactionValue": 100000,
15      "time": "Sun May 05 2024 15:35:56 GMT+0700 (Western Indonesia T
ime)"
16    },
17    {
18      "userName": "MisakaSister19999",
19      "old_balance": 218800,
20      "current_balance": 118800,
21      "withdraw": 100000,
22      "time": "Sun May 05 2024 15:35:24 GMT+0700 (Western Indonesia T
ime)"
23    }
24  ]
25 }
```

GEThttp://localhost:5000/api/banking/transaction

QueryBodyHeaders<sup>1</sup>AuthVarsScriptAssertTestsDocs

Name	Value
------	-------

+ Add Param

ResponseHeadersTimelineTests

200 OK107ms14.5KB

```
23   },
24   {
25     "userName": "MisakaSister19999",
26     "old_balance": 219000,
27     "current_balance": 218800,
28     "withdraw": 200,
29     "time": "Sun May 05 2024 15:35:17 GMT+0700 (Western Indonesia T
ime)"
30   },
31   {
32     "userName": "MisakaSister19999",
33     "old_balance": 209000,
34     "current_balance": 219000,
35     "deposit": 10000,
36     "time": "Sun May 05 2024 15:34:49 GMT+0700 (Western Indonesia T
ime)"
37   },
38   {
39     "userName": "MisakaSister19999",
40     "old_balance": 199000,
41     "current_balance": 209000,
42     "deposit": 10000,
43     "time": "Sun May 05 2024 15:34:48 GMT+0700 (Western Indonesia T
ime)"
44   },
45 }
```

# GET/TRANSACTION'S DETAILS BY ID

GET

http://localhost:5000/api/banking/6634f0a0d156576d5233a67e/transaction

Query

Body

Headers<sup>1</sup>

Auth

Vars

Script

Assert

Tests

Docs

Name	Value
------	-------

+ Add Param

Response

Headers

Timeline

Tests

200 OK

209ms

5.2KB

```
1 {
2   "transaction": [
3     {
4       "userName_sender": "MisakaSister19999",
5       "old_balance": 110000,
6       "current_balance": 210000,
7       "transactionValue": 100000,
8       "time": "Sun May 05 2024 15:35:56 GMT+0700 (Western Indonesia T
ime)"
9     },
10    {
11      "userName_sender": "MisakaSister19999",
12      "old_balance": 106000,
13      "current_balance": 108000,
14      "transactionValue": 2000,
15      "time": "Sun May 05 2024 02:03:56 GMT+0700 (Western Indonesia T
ime)"
16    },
17    {
18      "userName_sender": "MisakaSister19999",
19      "old_balance": 108000,
20      "current_balance": 110000,
21      "transactionValue": 2000,
22      "time": "Sun May 05 2024 02:03:56 GMT+0700 (Western Indonesia T
ime)"
23    }
24  ]
25 }
```

GET

http://localhost:5000/api/banking/6634f136d156576d5233a69c/transaction

Query

Body

Headers<sup>1</sup>

Auth

Vars

Script

Assert

Tests

Docs

Name	Value
------	-------

+ Add Param

Response

Headers

Timeline

Tests

200 OK

136ms

6.69KB

```
1 {
2   "transaction": [
3     {
4       "userName_received": "MisakaRailgun3",
5       "transactionValue": 100000,
6       "time": "Sun May 05 2024 15:35:56 GMT+0700 (Western Indonesia T
ime)"
7     },
8     {
9       "old_balance": 218800,
10      "current_balance": 118800,
11      "withdraw": 100000,
12      "time": "Sun May 05 2024 15:35:24 GMT+0700 (Western Indonesia T
ime)"
13    },
14    {
15      "old_balance": 219000,
16      "current_balance": 218800,
17      "withdraw": 200,
18      "time": "Sun May 05 2024 15:35:17 GMT+0700 (Western Indonesia T
ime)"
19    },
20    {
21      "old_balance": 209000,
22      "current_balance": 219000,
23      "deposit": 10000,
24    }
25  ]
26 }
```