

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Бэк-энд разработка

Отчет

Практическая работа №5

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Задача

Тестирование API из ЛР2 средствами Postman

Ход работы

The screenshot shows the Postman interface for a POST request to `localhost:3000/api/addUser`. The request body is a JSON object:

```
1 { "name": "Traore", "surname": "Mamoudou", "email": "example@gmail.com", "password": "diaka" }
```

The response is a 200 OK status with a 15 ms response time and 408 B of data. The response body is a JSON object:

```
1 {  
2   "message": {  
3     "result": {  
4       "id": 3,  
5       "name": "Traore",  
6       "email": "example@gmail.com",  
7       "password": "diaka",  
8       "updatedAt": "2023-05-21T11:39:29.433Z",  
9       "createdAt": "2023-05-21T11:39:29.433Z"  
10    }  
11  }  
12 }
```

GET

localhost:3000/api/getUsers

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body

Cookies

Headers (7)

Test Results



200 OK

11 ms

662 B



Save as Example

...

Pretty

Raw

Preview

Visualize

JSON



```
1 [
2   {
3     "id": 1,
4     "name": null,
5     "email": null,
6     "password": null,
7     "createdAt": "2023-05-21T11:27:15.856Z",
8     "updatedAt": "2023-05-21T11:27:15.856Z"
9   },
10  {
11    "id": 2,
12    "name": null,
13    "email": "example@gmail.com",
14    "password": "diaka",
15    "createdAt": "2023-05-21T11:37:32.187Z",
16    "updatedAt": "2023-05-21T11:37:32.187Z"
17  },
18 ]
```

POST

localhost:3000/api/addEvent

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON



Beautify

```
1 {
2   "name": "Rencontre des programmeurs",
3   "info": "Some info about the meeting",
4   "date": "2023-05-25",
5   "type": "meetup",
6   "city": "Saint-Petersburg"
7 }
```

Body

Cookies

Headers (7)

Test Results



200 OK

17 ms

495 B



Save as Example

...

Pretty

Raw

Preview

Visualize

JSON



```
1 {
2   "message": {
3     "result": {
4       "id": 7,
5       "name": "Rencontre des programmeurs",
6       "info": "Some info about the meeting",
7       "date": "2023-05-25T00:00:00.000Z",
8       "type": "meetup",
9       "city": "Saint-Petersburg",
10      "updatedAt": "2023-05-21T11:45:45.021Z",
11      "createdAt": "2023-05-21T11:45:45.021Z"
12    }
13  }
14 }
```

Homework-4 / POSTS / addEvent

Save

GETlocalhost:3000/api/getEvents?city=Saint-Petersburg&type=meetup

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	city	Saint-Petersburg			
<input checked="" type="checkbox"/>	type	meetup			
	Key	Value	Description		

Body

Cookies

Headers (7)

Test Results

200 OK17 ms710 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

```
2  {
3    "id": 6,
4    "name": "Rencontre des programmeurs",
5    "info": "Some info about the meeting",
6    "date": "2023-05-25T00:00:00.000Z",
7    "city": "Saint-Petersburg",
8    "type": "meetup",
9    "createdAt": "2023-05-21T11:35:42.201Z",
10   "updatedAt": "2023-05-21T11:35:42.201Z"
11 },
12 {
13   "id": 7,
14   "name": "Rencontre des programmeurs",
15   "info": "Some info about the meeting",
16   "date": "2023-05-25T00:00:00.000Z",
17   "city": "Saint-Petersburg",
18   "type": "meetup",
19   "createdAt": "2023-05-21T11:45:45.021Z"
```

Homework-4 / POSTS / login

Save

POSThttp://localhost:3000/api/login

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautiful

```
1 { "email": "example@gmail.com", "password": "diaka" }
```

Body

Cookies

Headers (7)

Test Results

200 OK19 ms382 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "status": "Success",
3   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImwiaWF0IjoxNjY5MDY5fQ.YHb7e18tuM2PRZ_IH4EhZ3WZmt_1fXYwDL91zN_IJBE"
4 }
```

Homework-4 / POSTS / addTicket

POST

localhost:3000/api/addTicket

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

{ "attendants": 2, "eventId": 2 }

Body

Cookies

Headers (7)

Test Results

200 OK

12 ms

383 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

6

7

8

9

10

11

12

{

"message": {

"result": {

"id": 3,

"attendants": 2,

"eventId": 2,

"userId": 1,

"updatedAt": "2023-05-21T11:51:48.521Z",

"createdAt": "2023-05-21T11:51:48.521Z"

}

}

}

Homework-4 / GETS / getTickets

GET

localhost:3000/api/getTickets

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

This request does not have a body

Body

Cookies

Headers (7)

Test Results

200 OK

14 ms

613 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

{

{id: 1,

attendants: 2,

userId: 1,

eventId: 1,

createdAt: "2023-05-21T11:40:35.260Z",

updatedAt: "2023-05-21T11:40:35.260Z"

},

{

"id": 2,

"attendants": 2,

"userId": 1,

"eventId": 1,

"createdAt": "2023-05-21T11:51:40.097Z",

"updatedAt": "2023-05-21T11:51:40.097Z"

},

}

Вывод

В ходе выполнения практической работы я ознакомился со способами тестирования API, а также протестировал API с помощью сервиса Postman