

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ  
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

**Дисциплина:** Бэк-энд разработка

Отчет

Домашняя работа №4

Выполнил

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## Задача

По выбранному варианту необходимо реализовать документирование API из ЛР2 средствами Swagger, Postman

Вариант: Магазин.

## Ход работы

Auth:

The image displays two screenshots of the Postman application interface, showing the configuration and results of two API requests.

**Top Screenshot: Registration Request**

- Method:** POST
- URL:** http://localhost:8000/aut/registr
- Body:** raw (JSON)
- Body Content:**

```
1 {
2   ...."name": "tesetr",
3   ...."email": "test@test.res",
4   ...."role": "ADMIN",
5   ...."password": "testwed"
6 }
```
- Response:** Status: 200 OK, Time: 30 ms, Size: 241 B. The response body is shown in the "Body" tab as: 

```
1 {
2   "id": 3
3 }
```

**Bottom Screenshot: Authentication Request**

- Method:** POST
- URL:** http://localhost:8000/aut/auth
- Body:** raw (JSON)
- Body Content:**

```
1 {
2   ...."email": "test@test.res",
3   ...."password": "testwed"
4 }
```
- Response:** Status: 200 OK, Time: 30 ms, Size: 385 B. The response body is shown in the "Body" tab as: 

```
1 {
2   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ3ZCI6MywiaWF0IjoxNzE4Mjc0ODI2LCJleHAiOjE3MTgzNjEyMjZ9.pnouoxiWnQX09Tj1Rp4Pqik3Xtfs_T7g6M1h5aCN39Y"
3 }
```

POST

http://localhost:8000/auth/auth

Send

Params

Authorization

Headers (8)

Body

Scripts

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

1 {

2 ... "email": "test@test.res",

3 "password": "testwed1"

4 }

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 23 ms

Size: 235 B

Save as example

...

Pretty

Raw

Preview

Visualize

JSON

Copy

1 {

User:

GET

http://localhost:8000/users/2

Send

Params

Authorization

Headers (6)

Body

Scripts

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

1

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 8 ms

Size: 447 B

Save as example

...

Pretty

Raw

Preview

Visualize

JSON

Copy

1 {

2 "id": 2,

3 "name": "fil",

4 "email": "test@test.ru",

5 "role": "ADMIN",

6 "password": "\$2b\$08\$A0sjb3.VsaFX.0VWy18xau1d3JJAYmkoXDUIvsuXA30tBoWZwPXW",

7 "createdAt": "2024-06-08T12:41:37.756Z",

8 "updatedAt": "2024-06-08T12:41:37.756Z"

9 }

GET

http://localhost:8000/users

Params

Authorization

Headers (6)

Body

Scripts

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

Body

Cookies

Headers (7)

Test Results

Status: 200 OKTime: 7 msSize: 826 B

Pretty

Raw

Preview

Visualize

JSON

1

[

2

{

3

"id": 1,

4

"name": "test",

5

"email": "test@test.r",

6

"role": "ADMIN",

7

"password": "testwe23",

8

"createdAt": "2024-06-08T12:20:03.947Z",

9

"updatedAt": "2024-06-08T12:25:43.265Z"

10

},

11

{

12

"id": 2,

13

"name": "fil",

14

"email": "test@test.ru",

15

"role": "ADMIN",

16

"password": "\$2b\$08\$A0sjb3.VsaFX.0VWy18xau1d3JJAYmkoXDUIvsvuXA30tBoWZwPXW",

17

"createdAt": "2024-06-08T12:41:37.756Z",

18

"updatedAt": "2024-06-08T12:41:37.756Z"

19

},

20

{

21

"id": 3,

22

"name": "tesetr",

23

"email": "test@test.res",

24

"role": "ADMIN",

25

"password": "\$2b\$08\$ioSLqxeWJ0rPf5CbzLfLr03IJH98MtLmFfvz7kSBNubXe.CwU1FrW",

26

"createdAt": "2024-06-13T10:33:11.926Z",

27

"updatedAt": "2024-06-13T10:33:11.926Z"

28

}

29

]

Product:

GET

http://localhost:8000/product/1

Send

Params

Authorization

Headers (7)

Body

Scripts

Tests

Settings

Cookies

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Postman-Token	<calculated when request is sent>				
<input checked="" type="checkbox"/>	Host	<calculated when request is sent>				
<input checked="" type="checkbox"/>	User-Agent	PostmanRuntime/7.39.0				
<input checked="" type="checkbox"/>	Accept	*/*				
<input checked="" type="checkbox"/>	Accept-Encoding	gzip, deflate, br				
<input checked="" type="checkbox"/>	Connection	keep-alive				
<input checked="" type="checkbox"/>	Authorization	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6MywiaWF0IjoxN...				
	Key	Value	Description			

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 10 ms

Size: 408 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "id": 1,
3   "name": "nike",
4   "price": 1200,
5   "sail": null,
6   "quantity": 230,
7   "category": "SWEATER",
8   "des": null,
9   "createdAt": "2024-06-08T12:27:25.639Z",
10  "updatedAt": "2024-06-08T12:27:25.639Z"
11 }
```

POST

http://localhost:8000/product

Send

Params

Authorization

Headers (9)

Body

Scripts

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1 {
2   "name": "nike 3223",
3   "price": 12003,
4   "sail": null,
5   "quantity": 230,
6   "category": "",
7   "des": "good"
8 }
```

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 14 ms

Size: 409 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "id": 3,
3   "name": "nike 3223",
4   "price": 12003,
5   "sail": null,
6   "quantity": 230,
7   "category": "",
8   "des": "good",
9   "updatedAt": "2024-06-13T20:46:18.072Z",
10  "createdAt": "2024-06-13T20:46:18.072Z"
11 }
```

POST

http://localhost:8000/product/update

Send

Params

Authorization

Headers (9)

Body

Scripts

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1 {
2   "id": 1,
3   "price": 2221
4 }
```

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 10 ms

Size: 237 B

Save as example

Pretty

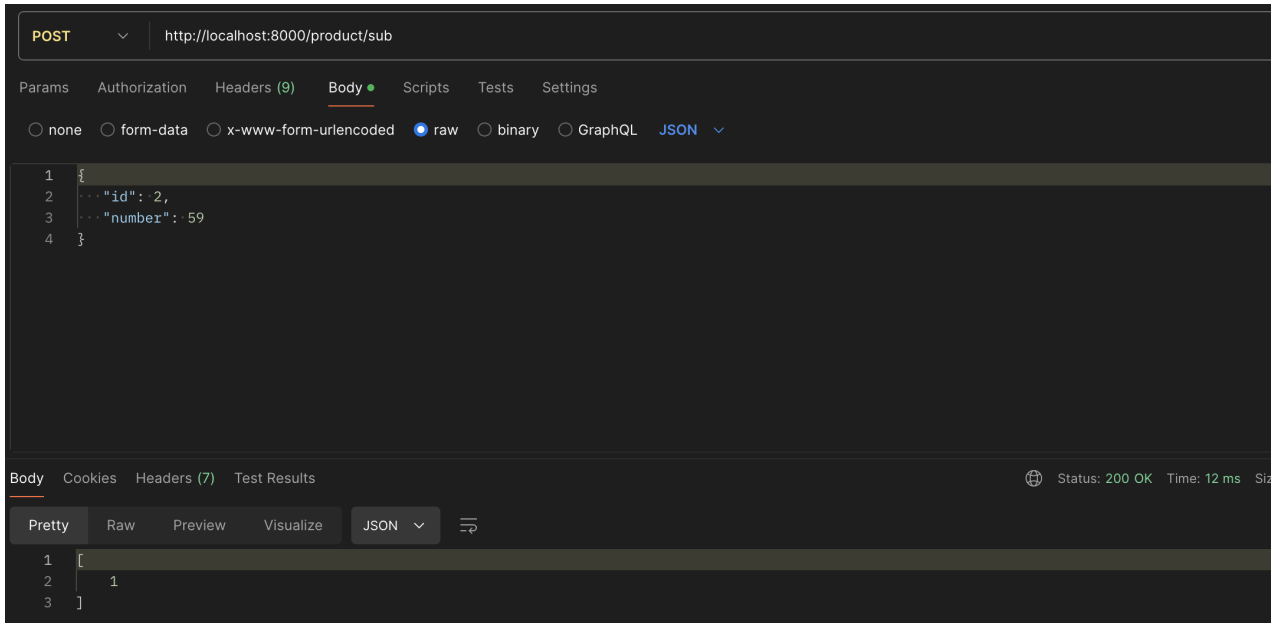
Raw

Preview

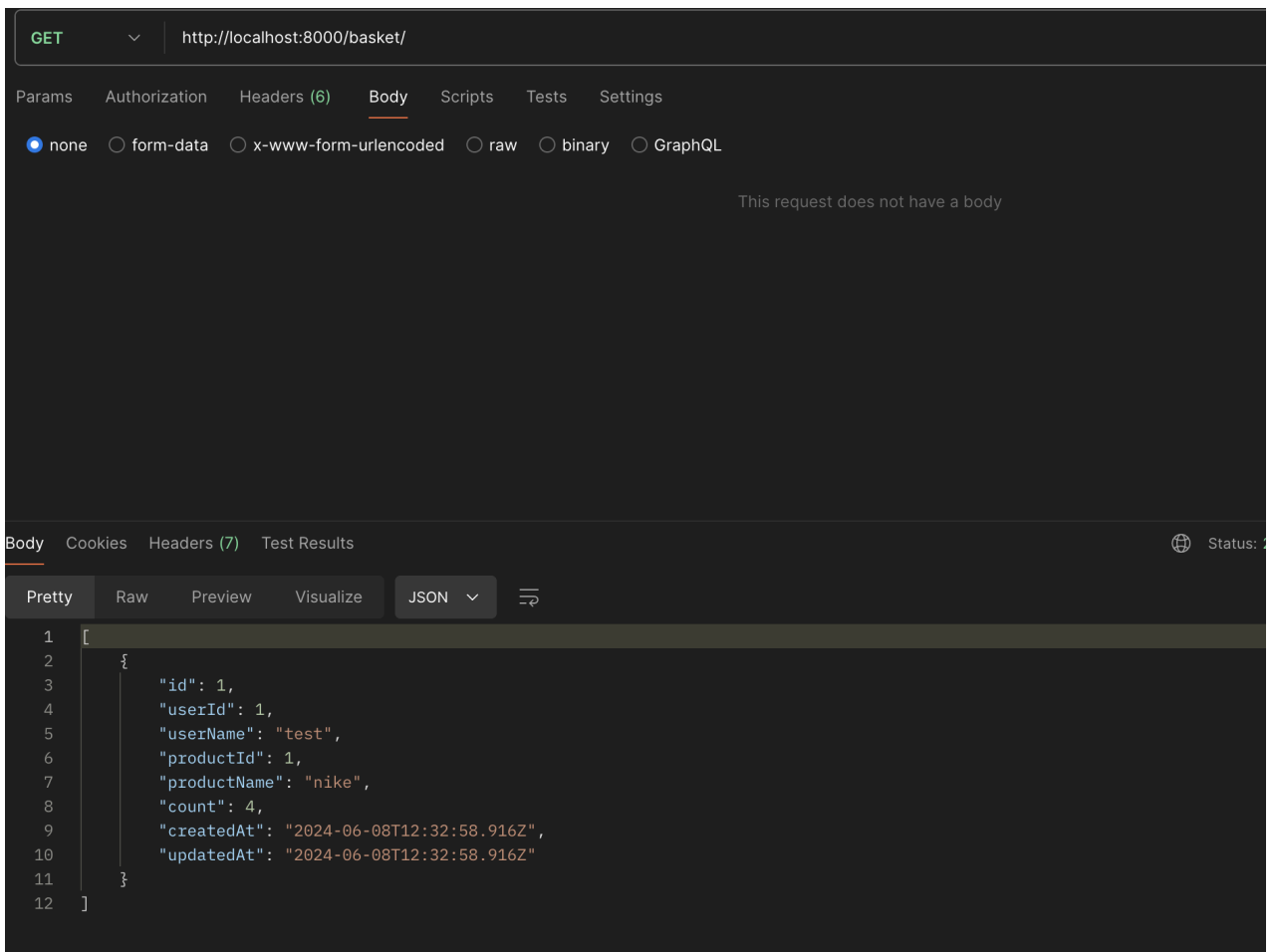
Visualize

HTML

```
1 update
2 1
```



## Basket



POST



http://localhost:8000/basket/

Params

Authorization

Headers (8)

Body

Scripts

Tests

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON



```
1 {  
2   "userId": 1,  
3   "productId": 1,  
4   "count": 5  
5 }
```

Response

## **Вывод**

В ходе данной работы была реализована документация API средствами Postman