

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ  
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

**Дисциплина:** Бэк-энд разработка

Отчет

Практическая работа №5

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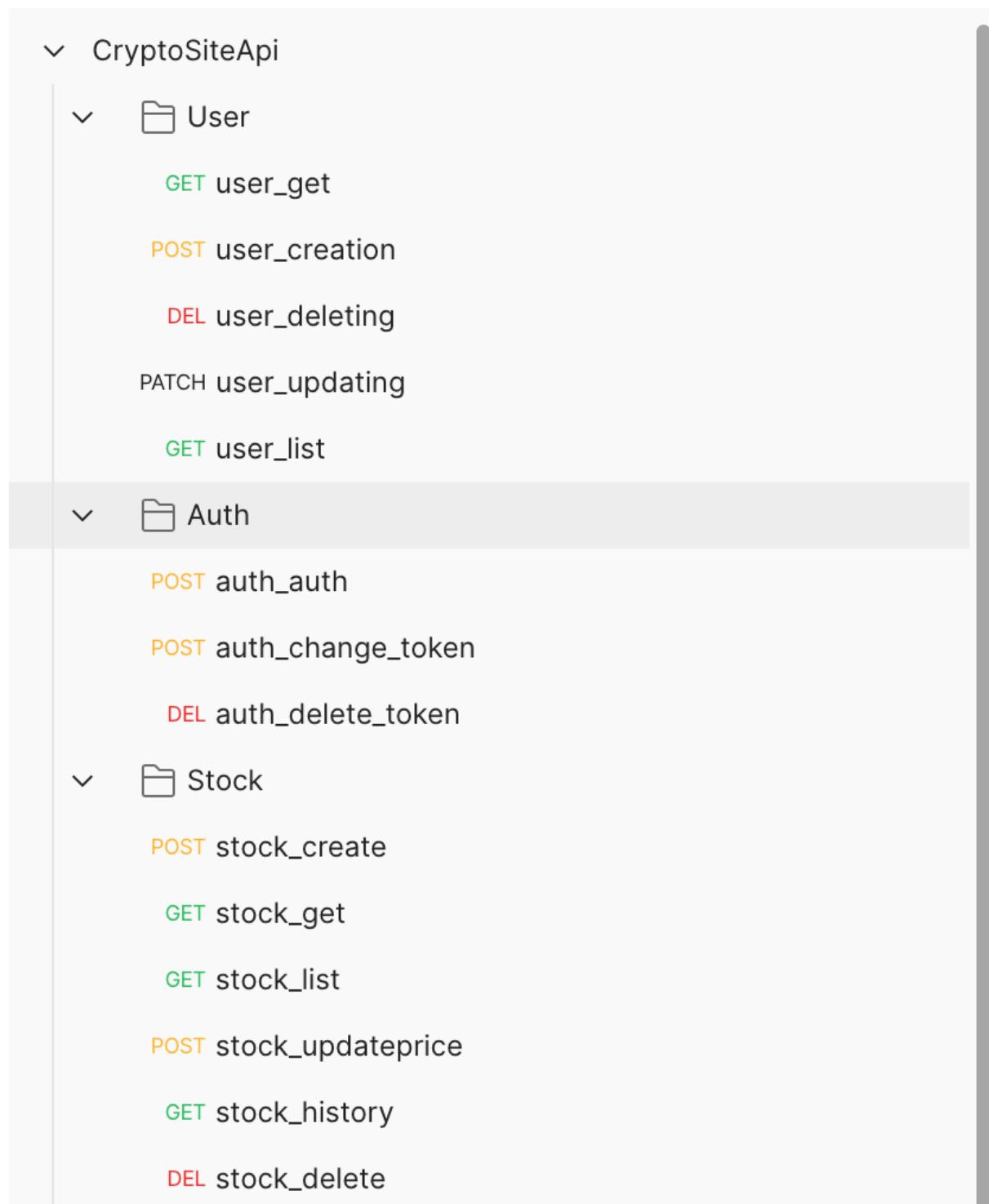
2022 г.

## Задача

Тестирование сервиса с помощью Postman.

## Ход работы

Структура запросов:



# Рассмотрим пример тестирования ручки ценных бумаг:

GET127.0.0.1/api/stocks/3Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettingsCookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 92 msSize: 326 BSave Response

PrettyRawPreviewVisualizeJSON

```
1{"id": 3,
2  "name": "APPL",
3  "description": "Apple",
4  "created_at": "2022-05-20T13:12:37.098Z",
5  "lastPrice": 11
6}
7
```

GET127.0.0.1/api/stocks/ Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettingsCookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 588 msSize: 340 BSave Response

PrettyRawPreviewVisualizeJSON

```
1{"stocks": [
2  {
3    "id": 3,
4    "name": "APPL",
5    "description": "Apple",
6    "created_at": "2022-05-20T13:12:37.098Z",
7    "lastPrice": 11
8  }
9]
10
11
```

POST127.0.0.1/api/stocks/update\_price

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

1234

```
1  {
2    "id": 3,
3    "newPrice": 15
4  }
```

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 1025 msSize: 326 BSave Response

PrettyRawPreviewVisualizeJSON

1234567

```
1  {
2    "id": 3,
3    "name": "APPL",
4    "description": "Apple",
5    "created_at": "2022-05-20T13:12:37.098Z",
6    "lastPrice": 15
7  }
```

GET127.0.0.1/api/stocks/history/3

Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettings

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
Key	Value	Description	

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 612 msSize: 890 BSave Response

PrettyRawPreviewVisualizeJSON

4546474849505152535455565758

```
45  {
46    "id": 11,
47    "stock_id": 3,
48    "price": 11,
49    "timestamp": "2022-06-03T07:58:48.369Z"
50  },
51  {
52    "id": 12,
53    "stock_id": 3,
54    "price": 15,
55    "timestamp": "2022-06-03T11:35:54.565Z"
56  }
57 ]
58 }
```

user\_deleting

CookiesCapture requestsBootcampRunnerTrash

POST 127.0.0.1/api/stocks/ 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": "MCRT",
3   ... "description": "Microsoft",
4   ... "lastPrice": 5
5 }
```

Body Cookies Headers (7) Test Results Status: 200 OK Time: 716 ms Size: 330 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": "MCRT",
3   "description": "Microsoft",
4   "lastPrice": 5,
5   "created_at": "2022-06-03T11:36:35.893Z",
6   "id": 6
7 }
```

Cookies Capture requests Bootcamp Runner Trash

DELETE 127.0.0.1/api/stocks/6 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 Status: 200 OK Time: 809 ms Size: 241 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "status": "ok"
3 }
```

Полную документацию можно увидеть по ссылке:

<https://documenter.getpostman.com/view/21076155/Uz5GnbUK>

## **Вывод**

Во время работы научились тестировать API с помощью Postman.