

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Бек-энд разработка Отчет

Домашняя работа 4

Выполнил:

Старовойтова Елизавета

Группа:

К33402

Проверил:

Добряков Д. И.

Санкт-Петербург

2024 г.

Задача

По выбранному варианту необходимо реализовать документирование API из ЛР2 средствами Swagger, Postman
Вариант: Сервис-помощник в планировании путешествий.

Ход работы

Auth:

The screenshot shows the REST Client interface with a POST request to `localhost:4000/auth/register`. The request body is a JSON object: `{ "firstName": "Nikita", "lastName": "Nikita", "email": "admin@mail.come", "password": "adinn" }`. The response is a 200 OK status with a JSON body: `{ "id": 2, "firstName": "Nikita", "lastName": "Nikita", "email": "admin@mail.come" }`. The interface includes tabs for Params, Authorization, Headers, Body, Pre-request Script, Tests, and Settings. The Body tab is selected, and the response is displayed in the bottom panel.

The screenshot shows the REST Client interface with a POST request to `localhost:4000/auth/login`. The request body is a JSON object: `{ "email": "admin@mail.com", "password": "adminn" }`. The response is a 200 OK status with a time of 108 ms and a size of 1.19 KB. The response body contains two tokens: `accessToken` and `refreshToken`.

POST

localhost:4000/auth/logout ...

Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

This request does not have a body

odyCookiesHeaders (9)Test Results

Status: 200 OKTime: 28 msSize: 394 BSave Response

PrettyRawPreviewVisualizeJSON

1

2

3

"detail": "ok"

BootcampRunnerTrash

Users:

GET

localhost:4000/users

Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettings

Cookies

User-Agent

PostmanRuntime/7.28.4

Accept

/

bodyCookies (2)Headers (7)Test Results

Status: 200 OKTime: 7 msSize: 388 BSave Response

PrettyRawPreviewVisualizeJSON

1

2

3

4

5

6

7

8

9

10

11

12

13

14

{

"id": 1,

"firstName": "Nikita",

"lastName": "Nikita",

"email": "admin@mail.com"

}

,

{

"id": 2,

"firstName": "Nikita",

"lastName": "Nikita",

"email": "admin@mail.come"

}

BootcampRunnerTrash

node / users / find

Save

GETlocalhost:4000/users/2Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettingsCookie:

Query Params

	KEY	VALUE	DESCRIPTION		Bulk Ed
	Key	Value	Description		

BodyCookies (2)Headers (7)Test ResultsStatus: 200 OKTime: 21 msSize: 310 BSave Response

PrettyRawPreviewVisualizeJSON

```
1{"id": 2,
2  "firstName": "Nikita",
3  "lastName": "Nikita",
4  "email": "admin@mail.come"
5}
6
```

BootcampRunnerTrash

DELETElocalhost:4000/users/2Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettingsCookies

Query Params

	KEY	VALUE	DESCRIPTION		Bulk Edit
	Key	Value	Description		

BodyCookies (2)Headers (7)Test ResultsStatus: 200 OKTime: 19 msSize: 256 BSave Response

PrettyRawPreviewVisualizeJSON

```
1{"detail": "Success."
2}
3
```

BootcampRunnerTrash

UserProfiles:

GETlocalhost:4000/user_profiles/my...Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettingsCookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

bodyCookies (2)Headers (7)Test ResultsStatus: 200 OKTime: 34 msSize: 420 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  {
2    "userId": 1,
3    "maxBudget": 10000,
4    "hasChildren": true,
5    "peopleCount": null,
6    "comfortLevels": [],
7    "difficultyLevels": [],
8    "places": [],
9    "tourActivities": [
10     {
11       "id": 1,
12       "name": "Bike tours"
13     }
14   ],
15   "tourTypes": []
16 }
```

PUTlocalhost:4000/user_profiles/my...Send

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettingsCookies

noneform-data x-www-form-urlencodedrawbinaryGraphQLJSON

1 {
2 "maxBudget": 90,
3 "hasChildren": true,
4 "peopleCount": null,
5 "comfortLevels": [],
6 "difficultyLevels": [],
7 "places": [],
8 "tourActivities": [
9 {
10 "id": 1,
11 "name": "Bike tours"
12 }
13],
14 "tourTypes": []
15 }

BodyCookies (2)Headers (7)Test ResultsStatus: 200 OKTime: 88 msSize: 417 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  {
2    "maxBudget": 90,
3    "hasChildren": true,
4    "peopleCount": null,
5    "comfortLevels": [],
6    "difficultyLevels": [],
7    "places": [],
8    "tourActivities": [
9      {
10        "id": 1,
11        "name": "Bike tours"
12      }
13    ],
14    "tourTypes": []
15  }
```

BootcampRunnerTrash

Tours:

GET localhost:4000/tours?name=gr&minPrice=90&canGoWithChildren=true&minPeople=90&maxPeople=200 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

<input checked="" type="checkbox"/>	minPrice	90
<input type="checkbox"/>	maxPrice	100
<input checked="" type="checkbox"/>	canGoWithChildren	true
<input checked="" type="checkbox"/>	minPeople	90
<input type="checkbox"/>	maxPeople	200

body Cookies (2) Headers (7) Test Results Status: 200 OK Time: 14 ms Size: 496 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 2,
3   "name": "GREAT TOUR",
4   "price": 110,
5   "canGoWithChildren": true,
6   "maxPeople": 120,
7   "comfortLevel": {
8     "id": 1,
9     "name": "Basen"
10  },
11  "difficultyLevel": {
12    "id": 1,
13    "name": "Base"
14  },
15  "place": {
16    "id": 1,
17    "name": "Base"
18  }
19 }
```

Bootcamp Runner Trash

POST localhost:4000/tours Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Beautify

```
1 {
2   "name": "NEW TOUR",
3   "price": 100,
4   "canGoWithChildren": true,
5   "maxPeople": 100,
6   "comfortLevelId": 1,
7   "difficultyLevelId": 1,
8   "placeId": 1,
9   "tourActivities": [1],
10  "tourTypes": []
11 }
```

Body Cookies (2) Headers (7) Test Results Status: 200 OK Time: 53 ms Size: 491 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 6,
3   "name": "NEW TOUR",
4   "price": 100,
5   "canGoWithChildren": true,
6   "maxPeople": 100,
7   "comfortLevel": {
8     "id": 1,
9     "name": "Basen"
10  },
11  "difficultyLevel": {
12    "id": 1,
13    "name": "Base"
14  },
15  "place": {
16    "id": 1,
17    "name": "Base"
18  }
19 }
```

Bootcamp Runner Trash

GETlocalhost:4000/tours/6Send

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettingsCookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

BodyCookies (2)Headers (7)Test Results

Status: 200 OKTime: 22 msSize: 491 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  {
2    "id": 6,
3    "name": "NEW TOUR",
4    "price": 100,
5    "canGoWithChildren": true,
6    "maxPeople": 100,
7    "comfortLevel": {
8      "id": 1,
9      "name": "Basen"
10   },
11  }
```

BootcampRunnerTrash

PUTlocalhost:4000/tours/6Send

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

Beautify

1 {
2 "name": "UPDATED TOUR",
3 "price": 110,
4 "canGoWithChildren": true,
5 "maxPeople": 120,
6 "comfortLevel": {
7 "id": 1,
8 "name": "Basen"
9 },
10 },
11 "difficultyLevel": {
12 "id": 1,
13 "name": "Base"
14 },
15 "place": {
16 "id": 1,

BodyCookies (2)Headers (7)Test Results

Status: 200 OKTime: 38 msSize: 496 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  {
2    "id": 6,
3    "name": "UPDATED TOUR",
4    "price": 110,
5    "canGoWithChildren": true,
6    "maxPeople": 120,
7    "comfortLevel": {
8      "id": 1,
9      "name": "Basen"
10   },
11   "difficultyLevel": {
12     "id": 1,
13     "name": "Base"
14   },
15   "place": {
16     "id": 1,
```

BootcampRunnerTrash

DELETE

localhost:4000/tours/6

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body

Cookies (2)

Headers (7)

Test Results

Status: 200 OK

Time: 19 ms

Size: 256 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1  {
2    "detail": "Success."
3  }
```

Bootcamp

Runner

Trash

Recommendations:

GET

localhost:4000/recommendations/my ...

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body

Cookies (2)

Headers (7)

Test Results

Status: 200 OK

Time: 27 ms

Size: 994 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1  {
2    "id": 3,
3    "name": "TOUR",
4    "price": 100,
5    "canGoWithChildren": true,
6    "maxPeople": 100,
7    "comfortLevel": {
8      "id": 1,
9      "name": "Basen"
10   },
11   "difficultyLevel": {
12     "id": 1,
13     "name": "Base"
14   },
15   "place": {
16     "id": 1,
17     "name": "Moscow"
18   },
19   ...
--
```

Bootcamp

Runner

Trash

GET

localhost:4000/recommendations/tours/2

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

Body

Cookies (2)

Headers (7)

Test Results

Status: 200 OKTime: 32 msSize: 1.22 KBSave Response

Pretty

Raw

Preview

Visualize

JSON

```
1  {
2    "id": 2,
3    "name": "GREAT TOUR",
4    "price": 110,
5    "canGoWithChildren": true,
6    "maxPeople": 120,
7    "comfortLevel": {
8      "id": 1,
9      "name": "Basen"
10   },
11   "difficultyLevel": {
12     "id": 1,
13     "name": "Base"
14   },
15   "place": {
16
```

Runtramp

Dinner

Trash

Вывод:

В ходе данной работы была реализована документация API средствами Postman.