

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Бэк-энд разработка

Отчет по
практической работе № 4

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Задача

Документирование API из ЛР2 средствами Swagger/Postman

Ход работы

NestJS имеет автогенерацию Swagger

Booking API 1 OAS3
http://127.0.0.1:3000/json

Authorize

users

POST /users

GET /users

GET /users/{id}

PATCH /users/{id}

DELETE /users/{id}

GET /users/email/{email}

Parameters

Name	Description
email <small>required</small>	
string	email
(path)	

Responses

Code	Description	Links
200	<div>Media type application/json </div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "email": "string", "password": "string" }</pre></div>	No links

hotels

POST

/hotels

GET

/hotels

Parameters

Try it out

Name	Description
address <small>required</small>	<input type="text" value="address"/>
<small>string</small> <small>(query)</small>	
capacity <small>required</small>	<input type="text" value="capacity"/>
<small>string</small> <small>(query)</small>	

Responses

Code	Description	Links
200	<div><div>Media type</div><div>application/json</div><div>Controls Accept header.</div><div>Example Value Schema</div><div><pre>[{ "id": 0, "name": "string", "address": "string", "rating": 0, "description": "string", "capacity": 0 }]</pre></div></div>	No links

GET

/hotels/{id}

PATCH

/hotels/{id}

DELETE

/hotels/{id}

bookings

POST

/bookings

Parameters

Try it out

No parameters

Request body required

application/json

Example Value | Schema

```
{
  "user": 0,
  "hotel": 0,
  "guestsCount": 0,
  "bookingBegin": "2022-06-16T20:18:54.502Z",
  "bookingEnd": "2022-06-16T20:18:54.502Z"
}
```

Responses

Code	Description	Links
201	<div><div>Media type</div><div>application/json</div><div>Controls Accept header.</div><div>Example Value Schema</div><div><pre>{ "id": 0, "user": { "id": 0, "firstName": "string", "lastName": "string", "email": "string", "password": "string" }, "hotel": { "id": 0, "name": "string", "address": "string", "rating": 0, "description": "string", "capacity": 0 }, "guestsCount": 0, "bookingBegin": "2022-06-16T20:18:54.503Z", "bookingEnd": "2022-06-16T20:18:54.503Z" }</pre></div></div>	No links

GET

/bookings

GET

/bookings/{id}

PATCH

/bookings/{id}

DELETE

/bookings/{id}

⌵

🔒

auth

⌵

POST

/auth/login

⌵

Parameters

Try it out

No parameters

Request body required

application/json

⌵

Example Value

Schema

```
{
  "email": "string",
  "password": "string"
}
```

Responses

Code	Description	Links
200	<div><div>Media type</div><div>application/json</div><div>⌵</div><div>Controls Accept header.</div><div>Example Value</div><div>Schema</div></div> <pre>{ "access": "string", "refresh": "string" }</pre>	No links

POST

/auth/refresh

⌵

Вывод

С помощью NestJS была сгенерирована Swagger документация и появилась возможность тестировать запросы без UI.