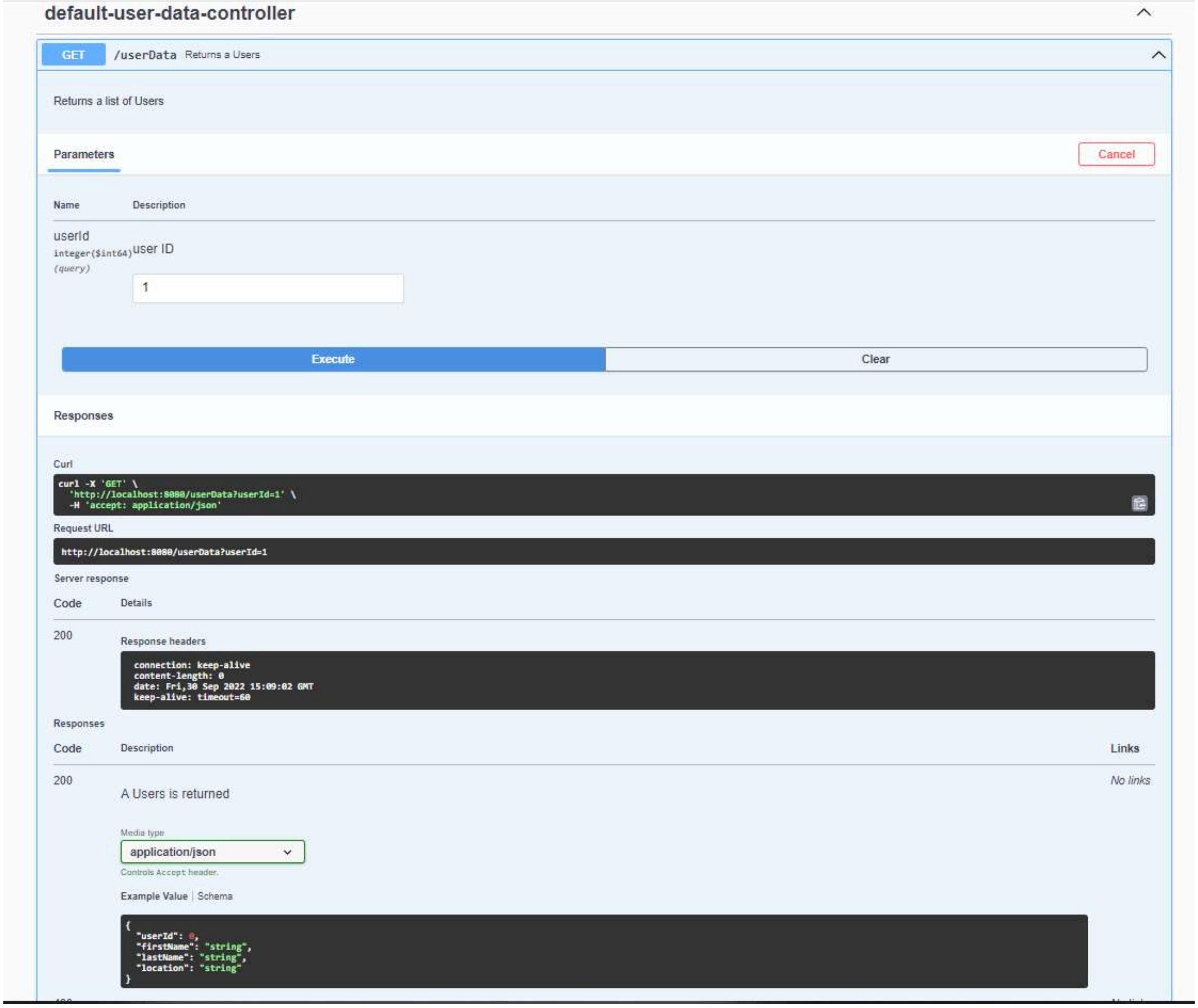
GitHub Repo:

https://github.com/shgall02/Week-18-Final-Project



default-user-data-controller

GET /userData Returns a Users

Returns a list of Users

Parameters

Name	Description
userId integer($int64) (query)	user ID 1

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/userData?userId=1' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/userData?userId=1
```

Server response

Code	Details
200	Response headers

```
connection: keep-alive
content-length: 0
date: Fri,30 Sep 2022 15:09:02 GMT
keep-alive: timeout=60
```

Responses

Code	Description	Links
200	A Users is returned	*No links*

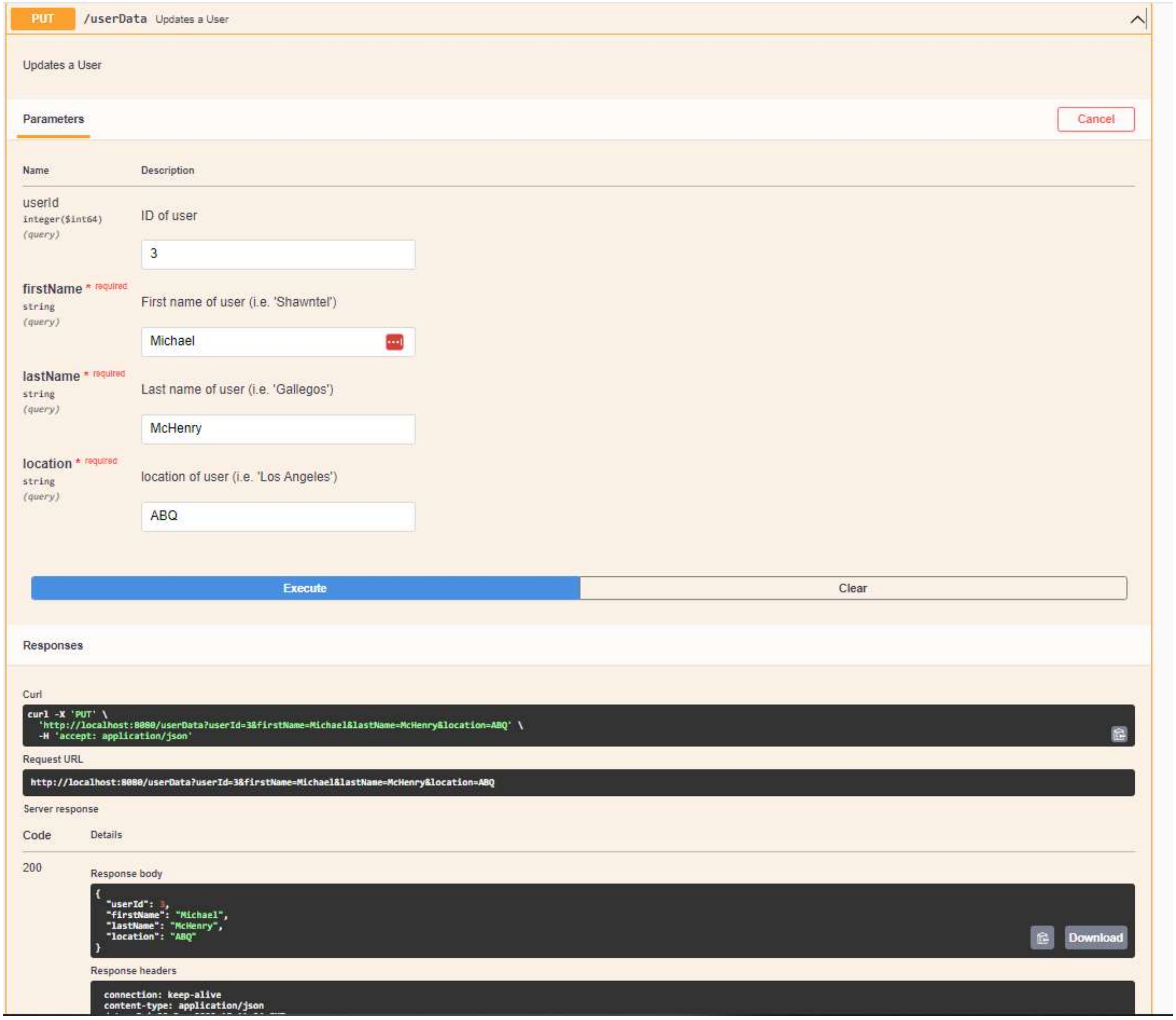
Media type

application/json

Controls Accept header.

Example Value | Schema

```
{
  "userId": 0,
  "firstName": "string",
  "lastName": "string",
  "location": "string"
}
```



Updates a User

Name	Description
userId integer($int64) *(query)*	ID of user 3
firstName * required string *(query)*	First name of user (i.e. 'Shawntel') Michael
lastName * required string *(query)*	Last name of user (i.e. 'Gallegos') McHenry
location * required string *(query)*	location of user (i.e. 'Los Angeles') ABQ

Curl

```
curl -X 'PUT' \
  'http://localhost:8080/userData?userId=3&firstName=Michael&lastName=McHenry&location=ABQ' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/userData?userId=3&firstName=Michael&lastName=McHenry&location=ABQ
```

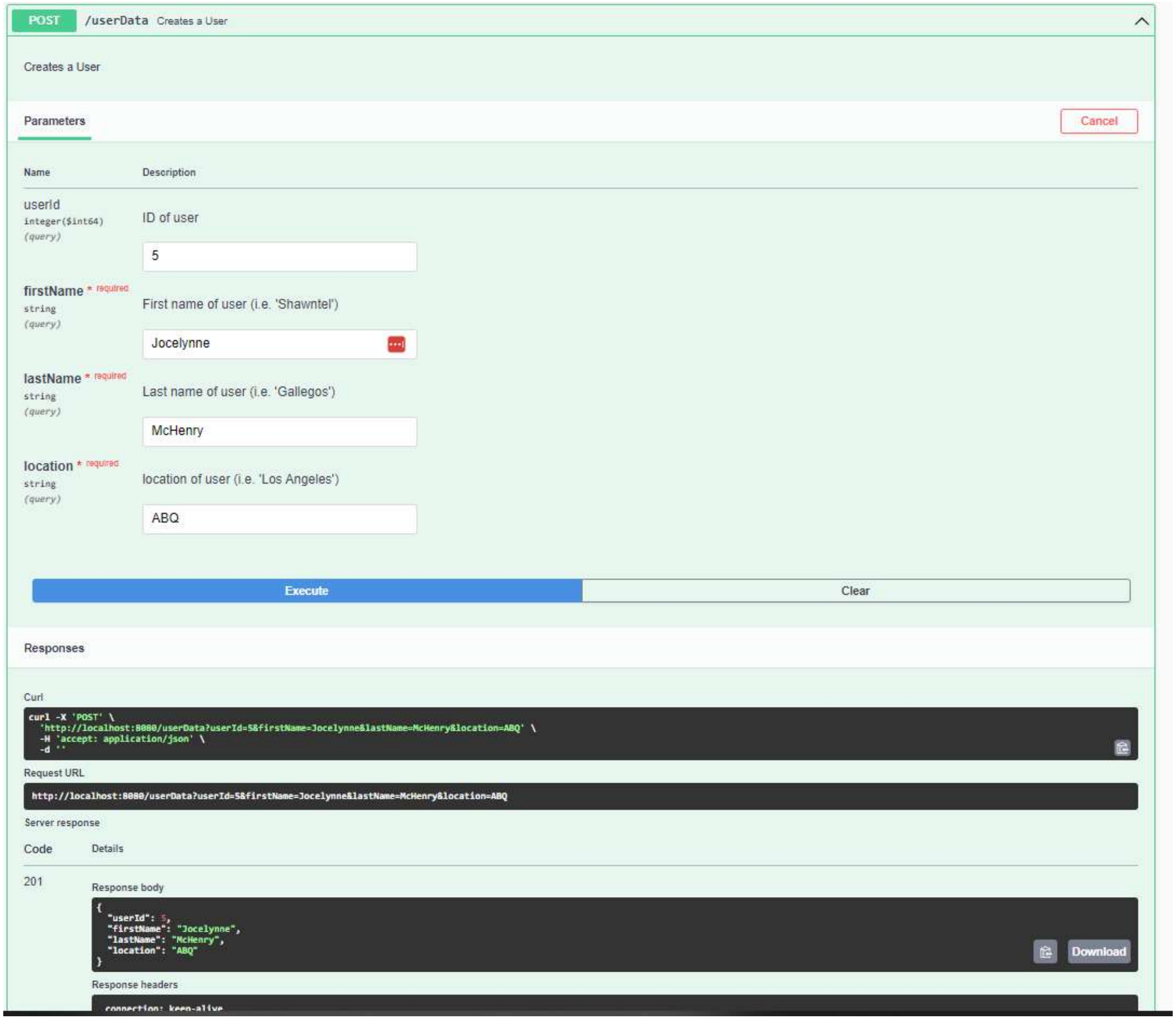
Server response

Code	Details
200	Response body

```
{
  "userId": 3,
  "firstName": "Michael",
  "lastName": "McHenry",
  "location": "ABQ"
}
```

Response headers

```
 connection: keep-alive
 content-type: application/json
```



`/userData` Creates a User

Creates a User

Parameters

Name	Description
userId `integer($int64)` *(query)*	ID of user 5
firstName * required `string` *(query)*	First name of user (i.e. 'Shawntel') Jocelynne
lastName * required `string` *(query)*	Last name of user (i.e. 'Gallegos') McHenry
location * required `string` *(query)*	location of user (i.e. 'Los Angeles') ABQ

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/userData?userId=5&firstName=Jocelynne&lastName=McHenry&location=ABQ' \
  -H 'accept: application/json' \
  -d ''
```

Request URL

```
http://localhost:8080/userData?userId=5&firstName=Jocelynne&lastName=McHenry&location=ABQ
```

Server response

Code Details

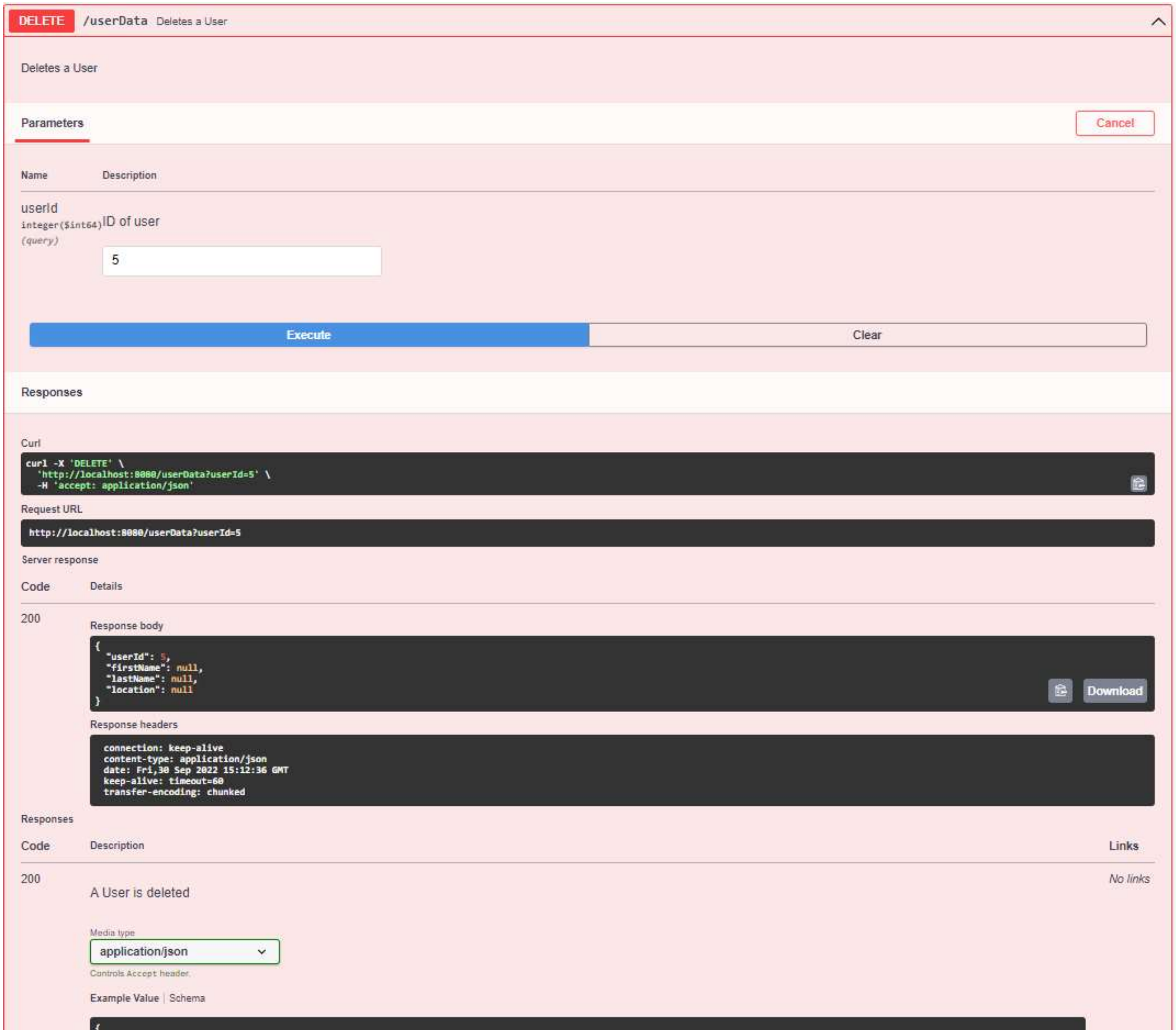
201

Response body

```
{
  "userId": 5,
  "firstName": "Jocelynne",
  "lastName": "McHenry",
  "location": "ABQ"
}
```

Response headers

```
 connection: keep-alive
```



Deletes a User

Name	Description
userId integer($int64) *(query)*	ID of user 5

Curl

```
curl -X 'DELETE' \
  'http://localhost:8080/userData?userId=5' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/userData?userId=5
```

Server response

Code	Details

200

Response body

```
{
  "userId": 5,
  "firstName": null,
  "lastName": null,
  "location": null
}
```

Response headers

```
 connection: keep-alive
 content-type: application/json
 date: Fri,30 Sep 2022 15:12:36 GMT
 keep-alive: timeout=60
 transfer-encoding: chunked
```

Responses

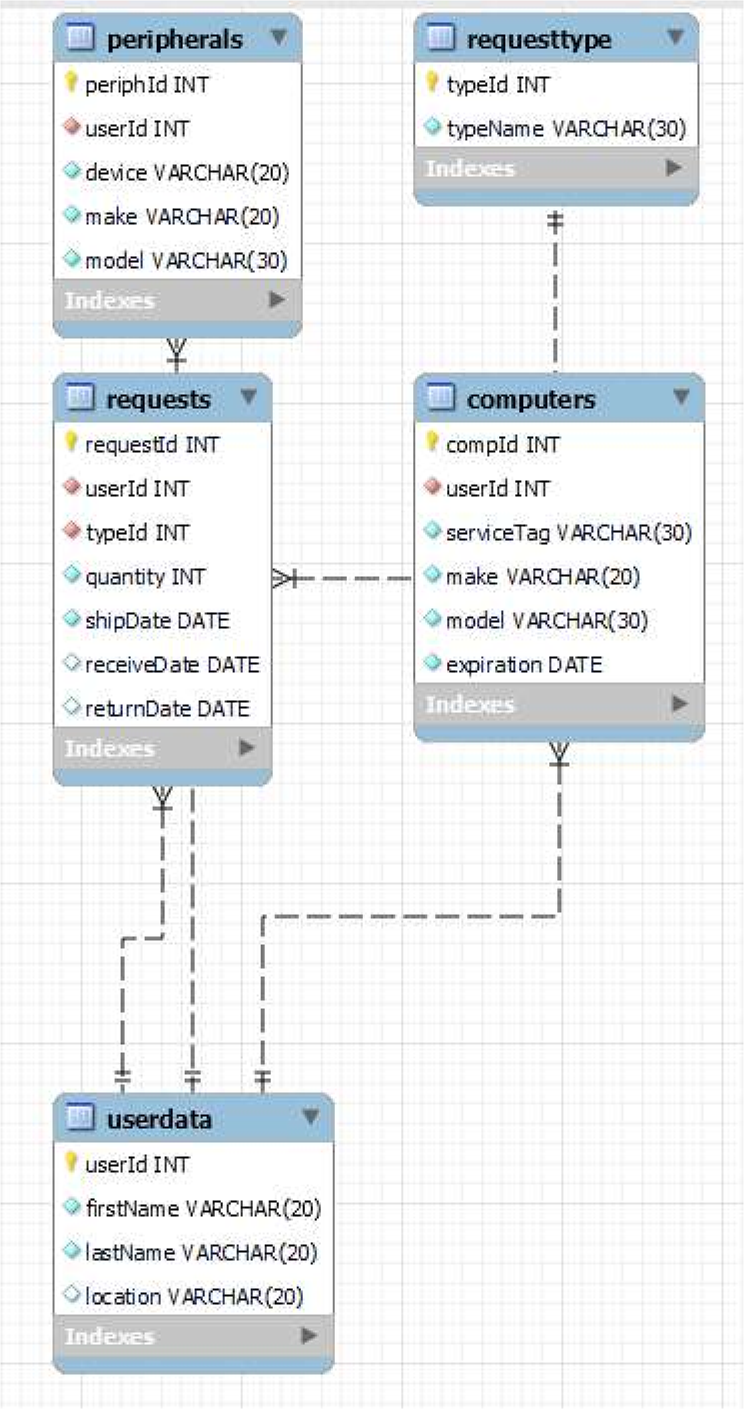
Code	Description	Links
200	A User is deleted	*No links*

Media type

application/json

Controls Accept header.

```
{
```



peripherals
- periphId INT
- userId INT
- device VARCHAR(20)
- make VARCHAR(20)
- model VARCHAR(30)

requesttype
- typeId INT
- typeName VARCHAR(30)

requests
- requestId INT
- userId INT
- typeId INT
- quantity INT
- shipDate DATE
- receiveDate DATE
- returnDate DATE

computers
- compId INT
- userId INT
- serviceTag VARCHAR(30)
- make VARCHAR(20)
- model VARCHAR(30)
- expiration DATE

userdata
- userId INT
- firstName VARCHAR(20)
- lastName VARCHAR(20)
- location VARCHAR(20)

API Documentation:

- **UserData**
  - **GET –** Returns a user (200)
    - userId
  - **POST –** Creates a user (201)
    - userId
    - firstName
    - lastName
    - location
  - **PUT –** Updates a user (200)
    - userId
    - firstName
    - lastName
    - location
  - **DELETE –** Deletes a user (200)
    - userId
- **Computers –** Returns a Computer (200)
  - **GET –** Returns a user
    - compId
  - **POST –** Creates a Computer (201)
    - compId
    - userId
    - serviceTag
    - make
    - model
    - expiration
  - **PUT –** Updates a Computer (200)
    - compId
    - userId
    - serviceTag
    - make
    - model
    - expiration
  - **DELETE –** Delets a Computer (200)
    - compId
- **Peripherals**
  - **GET –** Returns a Peripheral (200)
    - periphId
  - **POST –** Creates a Peripheral (200)
    - periphId
    - userId
    - device
    - make
    - model

    - **PUT –** Updates a Peripheral (200)
        - periphId
        - userId
        - device
        - make
        - model
    - **DELETE –** Deletes a Peripheral (200)
        - periphId
- **RequestType**
    - **GET –** Returns Equipment Type (200)
        - typeId
    - **POST –** Creates Equipment Type (201)
        - typeId
        - typeName
    - **PUT –** Updates Equipment Type (200)
        - typeId
        - typeName
    - **DELETE –** Deletes Equipment Type (200)
        - typeId
- **Requests**
    - **GET –** Returns a Request (200)
        - requestId
    - **POST –** Creates a Request (201)
        - requestId
        - userId
        - typeId
        - quantity
        - shipDate
        - receiveDate
        - returnDate
    - **PUT –** Updates a Request (200)
        - requestId
        - userId
        - typeId
        - quantity
        - shipDate
        - receiveDate
        - returnDate
    - **DELETE –** Deletes a Request (200)
        - requestId