

FINAL PROJECT

GitHub URL: <https://github.com/ailimutan/FINAL-project>

PET FOOD TRACKER

Create Pet Owner

The screenshot shows a REST API interface for creating a pet owner. At the top, there is a header bar with the title "Owner". Below it, there are two main sections: "PUT /pets/updateOwner" (orange background) and "POST /pets/createOwner" (green background). The "POST" section is expanded, showing the following details:

- Description:** Returns the created Owner instance.
- Parameters:** No parameters.
- Request body (required):** application/json
- Body Content:** A JSON object with three fields:

```
{ "firstName": "Ailene", "lastName": "Lie", "phone": "728 999 3342" }
```
- Buttons at the bottom:** "Execute" (blue) and "Clear".

Execute
Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/pets/createOwner' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "firstName": "Allene",
    "lastName": "Lim",
    "phone": "720 999 3342"
}'
```

Request URL

<http://localhost:8080/pets/createOwner>

Server response

Code	Details
201	Response body <pre>{ "firstName": "Allene", "lastName": "Lim", "phone": "720 999 3342", "ownerPk": 1 }</pre> <div style="display: flex; justify-content: space-between; align-items: center;"> Download Copy </div> Response headers <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:08:06 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>

Responses

Code	Description	Links
201	SUCCESS	No links
400	bad input	No links
404	not found	No links
500	An unplanned error	No links

Fetch Pet Owner

GET /pets/fetchAllOwners Fetch all Owner

Returns a list of Owner

Parameters

No parameters

Cancel

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8080/pets/fetchAllOwners' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8080/pets/fetchAllOwners
```

Server response

Code Details

200 Response body

```
[ { "firstName": "Allene", "lastName": "Lin", "phone": "720 999 3342", "ownerPk": 1 } ]
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Mon,27 Jun 2022 15:12:05 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	SUCCESS	No links
400	bad input	No links
404	not found	No links
500	An unplanned error	No links

Media type

application/json

Controls Accept header.

Example Value | Schema

```
{ "firstName": "string", "lastName": "string", "phone": "string", "ownerPk": 0 }
```

Media type

application/json

Media type

application/json

Update Pet Owner

Owner

PUT /pets/updateOwner Update instance of Owner

Returns the updated Owner

Parameters

No parameters

Request body required

application/json

```
{ "ownerPk": 1, "firstName": "Ailene", "lastName": "Lin", "phone": "123456789" }
```

Responses

Curl

```
curl -X 'PUT' \
  'http://localhost:8080/pets/updateOwner' \
  -H 'Accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "ownerPk": 1,
    "firstName": "Ailene",
    "lastName": "Lin",
    "phone": "123456789"
}'
```

Request URL

http://localhost:8080/pets/updateOwner

Request URL
`http://localhost:8080/pets/updateOwner`

Server response

Code	Details	Links
200	<p>Response body</p> <pre>{ "firstName": "Ailene", "lastName": "Lin", "phone": "123456789", "ownerPk": 1 }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:17:09 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre> <p>Download</p>	No links
Responses		
Code	Description	Links
200	SUCCESS	No links
	Media type	
	<input type="button" value="application/json"/> ▼	
	Controls Accept header.	
	Example	
	Value Schema	
	<pre>{ "firstName": "string", "lastName": "string", "phone": "string", "ownerPk": 0 }</pre>	No links
400	bad input	No links
	Media type	
	<input type="button" value="application/json"/> ▼	
404	not found	No links
	Media type	
	<input type="button" value="application/json"/> ▼	
500	An unplanned error	No links
	Media type	
	<input type="button" value="application/json"/> ▼	

Delete Pet Owner

DELETE /pets/deleteOwner Delete an instance of Owner

Returns the deleted Owner

Parameters

Name Description

ownerId * required
integer(\$int64) Owner Id
(query)
1

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:8080/pets/deleteOwner?ownerId=1' \
-H 'accept: */*'
```

Request URL

```
http://localhost:8080/pets/deleteOwner?ownerId=1
```

Server response

Code	Details	Links
200	<p>Response body</p> <pre>{}</pre> <p>Response headers</p> <pre>connection: keep-alive content-length: 2 content-type: text/plain; charset=UTF-8 date: Mon, 27 Jun 2022 15:19:42 GMT keep-alive: timeout=60</pre>	

Responses

Code	Description	Links
200	SUCCESS	No links
400	bad input	No links
404	not found	No links
500	An unplanned error	No links

Media type

x/*

Controls Accept header.

Example Value | Schema

string

Media type

application/json

Media type

application/json

Media type

application/json

Create Pet

Pet

PUT /pets/updatePet Update instance of Pet

POST /pets/createPet Create new instance of Pet

Returns the created Pet

Parameters

No parameters

Request body required

application/json

```
{  
  "ownerId": 2,  
  "petName": "Blackie",  
  "petType": "dog"  
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
'http://localhost:8080/pets/createPet' \
-H 'accept: application/json' \
-H 'Content-Type: application/json' \
-d '{
  "petId": 2,
  "ownerId": 2,
  "petName": "Blackie",
  "petType": "dog"
}'
```

Request URL

<http://localhost:8080/pets/createPet>

Server response

Code	Details	Links
201	<p>Response body</p> <pre>{ "petId": 1, "ownerId": 2, "petName": "Blackie", "petType": "dog" }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:22:05 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>	Copy Download
201	<p>SUCCESS</p> <p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "petId": 0, "ownerId": 0, "petName": "string", "petType": "string" }</pre>	No links
400	<p>bad input</p> <p>Media type</p> <p>application/json</p>	No links
404	<p>not found</p> <p>Media type</p> <p>application/json</p>	No links
500	<p>An unplanned error</p> <p>Media type</p> <p>application/json</p>	No links

Get Pet

GET /pets/fetchAllPets Fetch all Pets

Returns a list of Pets

Parameters

No parameters

Cancel

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/pets/fetchAllPets' \
  -H 'accept: application/json'
```

Request URL

http://localhost:8080/pets/fetchAllPets

Server response

Code Details

200 Response body

```
[{"petId": 1, "ownerId": 2, "petName": "Blackie", "petType": "dog"}]
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Mon, 27 Jun 2022 15:25:55 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	SUCCESS	No links
400	bad input	No links
404	not found	No links
500	An unplanned error	No links

Media type

application/json

Controls Accept header.

Example Value | Schema

```
{"petId": 0, "ownerId": 0, "petName": "string", "petType": "string"}
```

Media type

application/json

Media type

application/json

Fetch Pet by name or type

Pet

PUT /pets/updatePet Update instance of Pet

POST /pets/createPet Create new instance of Pet

GET /pets/fetchPetByNameOrType Returns a list of Pets where name or type is specified.

Returns a list of pets given an optional pet name and/or pet type

Parameters

Name Description

name string (query) Pet Name
BLACKIE

type string (query) Pet Type (i.e Dog, Cat)
DOG

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8080/pets/fetchPetByNameOrType?name=BLACKIE&type=DOG' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8080/pets/fetchPetByNameOrType?name=BLACKIE&type=DOG
```

Server response

Code Details

200 Response body

```
[{"petId": 0, "ownerId": 0, "petName": "Blackie", "petType": "dog"}]
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Mon, 27 Jun 2022 15:25:10 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Responses

Code Description Links

200 SUCCESS No links

Media type application/json

Controls Accept header.

Example Value Schema

```
{ "petId": 0, "ownerId": 0, "petName": "string", "petType": "string" }
```

No links

400 bad input

Media type application/json

The screenshot shows a section of a Swagger UI interface. It displays two error responses:

- 404 not found**:
 - Media type: application/json
- 500 An unplanned error**:
 - Media type: application/json

Both responses have a "No links" status.

Update Pet

The screenshot shows the "Pet" resource in the Swagger UI. It includes the following details:

- PUT /pets/updatePet**: Update instance of Pet. Returns the updated Pet.
- Parameters**: No parameters.
- Request body (required)**: application/json. Example payload:

```
{ "petId": 1, "ownerId": 2, "petName": "Hachiko", "petType": "dog" }
```
- Buttons**: Execute (blue button) and Clear.
- Responses**:
 - Curl**:

```
curl -X 'PUT' \ -H 'Content-Type: application/json' \ -H 'Accept: application/json' \ -d '{ "petId": 1, "ownerId": 2, "petName": "Hachiko", "petType": "dog" }'
```
 - Request URL**: <http://localhost:8080/pets/updatePet>

Server response

Code	Description	Links
200	<p>Response body</p> <pre>{ "petId": 1, "ownerId": 2, "petName": "Hachiko", "petType": "dog" }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:28:40 GYT keep-alive: timeout=60 transfer-encoding: chunked</pre> <p>Download</p>	No links
Responses		
Code	Description	Links
200	success	No links
	Media type	
	application/json	
	Controls Accept header.	
	Example Value Schema	
	<pre>{ "petId": 0, "ownerId": 0, "petName": "string", "petType": "string" }</pre>	No links
400	bad input	No links
	Media type	
	application/json	
404	not found	No links
	Media type	
	application/json	
500	An unplanned error	No links
	Media type	
	application/json	

Delete Pet

Pet

PUT /pets/updatePet Update instance of Pet

POST /pets/createPet Create new instance of Pet

GET /pets/fetchPetByNameOrType Returns a list of Pets where name or type is specified.

GET /pets/fetchAllPets Fetch all Pets

DELETE /pets/deletePet Delete an instance of Pet

Returns the deleted Pet

Parameters

Name Description

petId * required
integer(\$int64) Pet Id
(query)
1

Execute Clear

Responses

Curl

```
curl -X 'DELETE' \
  "http://localhost:8080/pets/deletePet?petId=1" \
  -H "accept: */*"
```

Request URL

```
http://localhost:8080/pets/deletePet?petId=1
```

Server response

Code Details

200 Response body

```
{}
```

Download

Response headers

```
connection: keep-alive
content-length: 2
content-type: text/plain; charset=UTF-8
date: Mon,27 Jun 2022 15:29:48 GMT
keep-alive: timeout=60
```

Responses

Code Description Links

200 SUCCESS No links

Media type

application/json

Controls Accept header.

Example Value | Schema

string

400 bad input No links

Media type

application/json

404 not found No links

Media type

application/json

500 An unplanned error No links

Media type

application/json

Create Pet Food

Food

PUT /pets/updateFood Update instance of Food

POST /pets/createFood Create new instance of Food

Returns the created Food instance.

Parameters

No parameters

Request body required

application/json

```
{
  "brand": "Pedigree",
  "description": "dog food"
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/pets/createFood' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "brand": "Pedigree",
    "description": "dog food"
}'
```

Request URL

http://localhost:8080/pets/createFood

Server response

Code	Description	Details
201	Response body	<pre>{\n \"foodId\": 1,\n \"brand\": \"Pedigree\",\n \"description\": \"dog food\"\n}</pre> Download
	Response headers	<pre>connection: keep-alive\ncontent-type: application/json\ndate: Mon, 27 Jun 2022 15:31:33 GMT\nkeep-alive: timeout=60\ntransfer-encoding: chunked</pre>
Responses		
Code	Description	Links
201	SUCCESS	No links
	Media type	<input checked="" type="button"/> application/json <input type="button"/>
	Controls Accept header.	
	Example Value Schema	
	<pre>{\n \"foodId\": 0,\n \"brand\": \"string\",\n \"description\": \"string\"\n}</pre>	
400	bad input	No links
	Media type	<input checked="" type="button"/> application/json <input type="button"/>
404	not found	No links
	Media type	<input checked="" type="button"/> application/json <input type="button"/>
500	An unplanned error	No links
	Media type	<input checked="" type="button"/> application/json <input type="button"/>

Fetch Pet Food

Food

PUT /pets/updateFood Update instance of Food

POST /pets/createFood Create new instance of Food

GET /pets/fetchAllFood Fetch all Food

Returns a list of Food

Parameters

No parameters

Execute **Cancel**

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8080/pets/fetchAllFood' \
-H 'accept: application/json'
```

Request URL

<http://localhost:8080/pets/fetchAllFood>

Server response

Code Details

200 Response body

```
[  
  {  
    "foodId": 0,  
    "brand": "Pedigree",  
    "description": "dog food"  
  }  
]
```

Response headers

```
connection: keep-alive  
content-type: application/json  
date: Mon,27 Jun 2022 15:32:37 GMT  
keep-alive: timeout=60  
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	SUCCESS	No links
400	bad input	No links
404	not found	No links
500	An unplanned error	No links

Media type

application/json

Controls Accept header.

Example Value | Schema

```
{  
  "foodId": 0,  
  "brand": "string",  
  "description": "string"  
}
```

Update Pet Food

Food

PUT /pets/updateFood Update instance of Food

Returns the updated Food

Parameters

No parameters

Request body required

application/json

```
{  
    "foodid": 1,  
    "brand": "Pedigree",  
    "description": "Nutritious dog food"  
}
```

Execute Clear

Responses

Curl

```
curl -X 'PUT' \  
  'http://localhost:8080/pets/updateFood' \  
  -H 'accept: application/json' \  
  -H 'Content-type: application/json' \  
  -d '{  
    "foodid": 1,  
    "brand": "Pedigree",  
    "description": "Nutritious dog food"  
}'
```

Request URL

http://localhost:8080/pets/updateFood

Server response

Code	Details	Links
200	<p>Response body</p> <pre>{ "foodId": 1, "brand": "Pedigree", "description": "Nutritious dog food" }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:34:34 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre> <p>Download</p>	No links
Responses		
Code	Description	Links
200	SUCCESS	No links
	Media type	
	application/json	
	Controls Accept header.	
	Example Value Schema	
	<pre>{ "foodId": 0, "brand": "string", "description": "string" }</pre>	
400	bad input	No links
	Media type	
	application/json	
404	not found	No links
	Media type	
	application/json	
500	An unplanned error	No links
	Media type	
	application/json	

Delete Pet Food

Food

PUT /pets/updateFood Update instance of Food

POST /pets/createFood Create new instance of Food

GET /pets/fetchAllFood Fetch all Food

DELETE /pets/deleteFood Delete an instance of Food

Returns the deleted Food

Parameters

Name Description

foodId * required
integer(\$int64) Food Id
(query)

Cancel

Execute Clear

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:8080/pets/deleteFood?foodId=1' \
-H 'accept: */*'
```

Request URL

```
http://localhost:8080/pets/deleteFood?foodId=1
```

Server response

Code	Description	Links
200	Response body {} Response headers connection: keep-alive content-length: 2 content-type: text/plain; charset=UTF-8 date: Mon, 27 Jun 2022 15:35:33 GMT keep-alive: timeout=60	Download
Responses		
Code	Description	Links
200	SUCCESS Media type <input checked="" type="button"/> */*	No links
	Controls Accept header.	
	Example Value Schema	
	string	
400	bad input Media type <input checked="" type="button"/> application/json	No links
404	not found Media type <input checked="" type="button"/> application/json	No links
500	An unplanned error Media type <input checked="" type="button"/> application/json	No links

Create Food Intake

Food Intake

PUT /pets/updateFoodIntake Update instance of Food Intake

POST /pets/createFoodIntake Create new instance of Food Intake

Returns the created Food Intake instance.

Parameters

No parameters

Request body required

application/json

```
{  
    "foodId": 2,  
    "petId": 2  
}
```

Cancel

Reset

Execute

Clear

Responses

Curl

```
curl -X 'POST' \  
  'http://localhost:8080/pets/createFoodIntake' \  
  -H 'Accept: application/json' \  
  -H 'Content-Type: application/json' \  
  -d '{  
    "foodId": 2,  
    "petId": 2  
}'
```



Request URL

<http://localhost:8080/pets/createFoodIntake>

Request URL
`http://localhost:8080/pets/createFoodIntake`

Server response

Code	Details	Links
201	<p>Response body</p> <pre>{ "foodIntakeId": 1, "foodId": 2, "petId": 2 }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:39:51 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>	
Responses		
Code	Description	Links
201	success	No links
	Media type	
	<input type="button" value="application/json"/>	
	Controls Accept header.	
	Example Value Schema	
	<pre>{ "foodIntakeId": 0, "foodId": 0, "petId": 0 }</pre>	
400	bad input	No links
	Media type	
	<input type="button" value="application/json"/>	
404	not found	No links
	Media type	
	<input type="button" value="application/json"/>	
500	An unplanned error	No links
	Media type	
	<input type="button" value="application/json"/>	

Fetch Food Intake

Food Intake

PUT /pets/updateFoodIntake Update instance of Food Intake

POST /pets/createFoodIntake Create new instance of Food Intake

GET /pets/fetchAllFoodIntakeByPetId Fetch all Food by Pet id

Returns a list of Food of the Specific Pet

Parameters

Name Description

petId * required
integer(\$int64) Pet Id
(query)
2

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/pets/fetchAllFoodIntakeByPetId?petId=2' \
  -H "accept: application/json"
```

Request URL

```
http://localhost:8080/pets/fetchAllFoodIntakeByPetId?petId=2
```

Server response

Code Details

200 Response body

```
[  
  {  
    "foodId": 2,  
    "petId": 2,  
    "brand": "Pedigree",  
    "description": "dog food"  
  }]
```

Download

Response headers

```
connection: keep-alive  
content-type: application/json  
date: Mon, 27 Jun 2022 15:41:02 GMT  
keep-alive: timeout=60  
transfer-encoding: chunked
```

Responses

Code Description Links

200 SUCCESS No links

Media type

application/json

Controls Accept header.

Example Value | Schema

```
{  
  "foodId": 0,  
  "petId": 0,  
  "brand": "string",  
  "description": "string"  
}
```

400 bad input No links

Media type

application/json

404 not found No links

Media type

application/json

500 An unplanned error No links

Media type

application/json

Update Food intake

Food Intake

PUT /pets/updateFoodIntake Update instance of Food Intake

Returns the updated Food

Parameters

No parameters

Request body required

application/json

```
{
  "foodIntakeId": 1,
  "foodId": 3,
  "petId": 2
}
```

Execute Clear

Responses

Curl

```
curl -X 'PUT' \
'http://localhost:8080/pets/updateFoodIntake' \
-H 'Accept: application/json' \
-H 'Content-Type: application/json' \
-d '{
  "foodIntakeId": 1,
  "foodId": 3,
  "petId": 2
}'
```

Request URL

http://localhost:8080/pets/updateFoodIntake

Server response

Code	Details	Links															
200	<p>Response body</p> <pre>{ "foodIntakeId": 1, "foodId": 3, "petId": 2 }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:45:02 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre> <p>Responses</p> <table border="1"><thead><tr><th>Code</th><th>Description</th><th>Links</th></tr></thead><tbody><tr><td>200</td><td>SUCCESS</td><td>No links</td></tr><tr><td>400</td><td>bad input</td><td>No links</td></tr><tr><td>404</td><td>not found</td><td>No links</td></tr><tr><td>500</td><td>An unplanned error</td><td>No links</td></tr></tbody></table>	Code	Description	Links	200	SUCCESS	No links	400	bad input	No links	404	not found	No links	500	An unplanned error	No links	 
Code	Description	Links															
200	SUCCESS	No links															
400	bad input	No links															
404	not found	No links															
500	An unplanned error	No links															

Delete Food Intake

Food Intake

PUT /pets/updateFoodIntake Update instance of Food Intake

POST /pets/createFoodIntake Create new instance of Food Intake

GET /pets/fetchAllFoodIntakeByPetId Fetch all Food by Pet id

DELETE /pets/deleteFoodIntake Delete an instance of Food Intake

Returns the deleted Food Intake

Parameters

Name	Description
foodId * required	Food Id integer(\$int64) (query)
petId * required	Pet Id integer(\$int64) (query)

Cancel

Execute Clear

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:8080/pets/deleteFoodIntake?foodId=3&petId=2' \
-H 'accept: */*'
```

Request URL

```
http://localhost:8080/pets/deleteFoodIntake?foodId=3&petId=2
```

Server response		
Code	Details	
200	Response body ()	 
Response headers		
	connection: keep-alive content-length: 2 content-type: text/plain; charset=UTF-8 date: Mon, 27 Jun 2022 15:46:35 GMT keep-alive: timeout=60	
Responses		
Code	Description	Links
200	success	No links
	Media type	
	<input checked="" type="button"/> JSON	
	Controls Accept header.	
	Example Value Schema	
	string	
400	bad input	No links
	Media type	
	<input type="button"/> application/json	
404	not found	No links
	Media type	
	<input type="button"/> application/json	
500	An unplanned error	No links
	Media type	
	<input type="button"/> application/json	

Pet Features

PUT /pets/updateFeature Update Pet Features

POST /pets/createFeature Create new instance of Pet Features where Pet Id is specified

Returns the created Pet Features

Parameters

No parameters

Request body Required

application/json

```
{  
    "petid": 2,  
    "color": "BLACK",  
    "gender": "male",  
    "breed": "Chihuahua",  
    "weight": 6  
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \  
  'http://localhost:8080/pets/createFeature' \  
  -H 'Accept: application/json' \  
  -H 'Content-type: application/json' \  
  -d {  
    "petid": 2,  
    "color": "BLACK",  
    "gender": "male",  
    "breed": "Chihuahua",  
    "weight": 6  
  }  
Request URL  
http://localhost:8080/pets/createFeature
```

Server response

Code	Details	Links
201	<p>Response body</p> <pre>{ "petId": 2, "color": "black", "gender": "male", "breed": "Chihuahua", "weight": 0 }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Jun 2022 15:50:25 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>	Download
Responses		
Code	Description	Links
201	SUCCESS	No links
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "petId": 0, "color": "string", "gender": "string", "breed": "string", "weight": 0 }</pre>	
400	bad input	No links
	<p>Media type</p> <p>application/json</p>	
404	not found	No links
	<p>Media type</p> <p>application/json</p>	
500	An unplanned error	No links
	<p>Media type</p> <p>application/json</p>	

Get Pet Feature

GET /pets/fetchFeatures Returns list of all Pet Features if PET ID is not specified.

Returns the Features of a Pet if its pet id is specified. Otherwise, returns all theList Pet Features

Parameters

Name	Description
id string (query)	Pet Id (if empty value returns all Features in the list) 2 <input type="checkbox"/> Send empty value

Cancel

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8080/pets/fetchFeatures?id=2' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8080/pets/fetchFeatures?id=2
```

Server response

Code	Details
200	Response body <pre>[{ "petfk": 2, "color": "BLACK", "gender": "male", "breed": "Chihuahua", "weight": 6 }]</pre> <p>Download</p> <p>Response headers <pre>connection: keep-alive content-type: application/json date: Mon,27 Jun 2022 15:51:32 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre></p>

Responses

Code	Description	Links
200	SUCCESS	No links
400	bad input	No links
404	not found	No links
500	An unplanned error	No links

Media type: application/json
Controls Accept header.

Example Value | Schema

```
{  
  "petfk": 0,  
  "color": "string",  
  "gender": "string",  
  "breed": "string",  
  "weight": 0  
}
```

Media type: application/json

Media type: application/json

Media type: application/json

Update Pet Features

Pet Features

PUT /pets/updateFeature Update Pet Features

Returns the updated Pet Features

Parameters

No parameters

Request body required

```
{ "petId": 2, "color": "black", "gender": "female", "breed": "chihuahua", "weight": 6 }
```

Cancel Reset application/json

Execute Clear

Responses

Curl

```
curl -X 'PUT' \
'http://localhost:8080/pets/updateFeature' \
-H 'accept: application/json' \
-H 'Content-Type: application/json' \
-d '{ "petId": 2, "color": "black", "gender": "female", "breed": "chihuahua", "weight": 6 }'
```

Request URL

```
http://localhost:8080/pets/updateFeature
```

Server response

Code	Details	Links
200	<p>Response body</p> <pre>{ "petId": 0, "color": "black", "gender": "female", "breed": "chihuahua", "weight": 0 }</pre> <p>Response headers</p> <pre>connection: keep-alive content-type: application/json date: Mon, 27 Mar 2022 15:52:59 GMT keep-alive: timeout=60 transfer-encoding: chunked</pre>	
Responses		
Code	Description	Links
200	success	No links
	Media type	
	<input checked="" type="button"/> application/json	
	Controls Accept header.	
	Example Value Schema	
	<pre>{ "petId": 0, "cameraId": 0, "petName": "string", "petType": "string" }</pre>	No links
400	bad input	No links
	Media type	
	<input checked="" type="button"/> application/json	
404	not found	No links
	Media type	
	<input checked="" type="button"/> application/json	
500	An unplanned error	No links
	Media type	
	<input checked="" type="button"/> application/json	

Delete Pet Features

DELETE /pets/deleteFeature Delete an instance of Feature

Returns the deleted Feature

Parameters

Name	Description
petId <small>required</small> integer(\$int64) (query)	Pet Id <input type="text" value="2"/>

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:8080/pets/deleteFeature?petId=2' \
-H "accept: */*"
```

Request URL

```
http://localhost:8080/pets/deleteFeature?petId=2
```

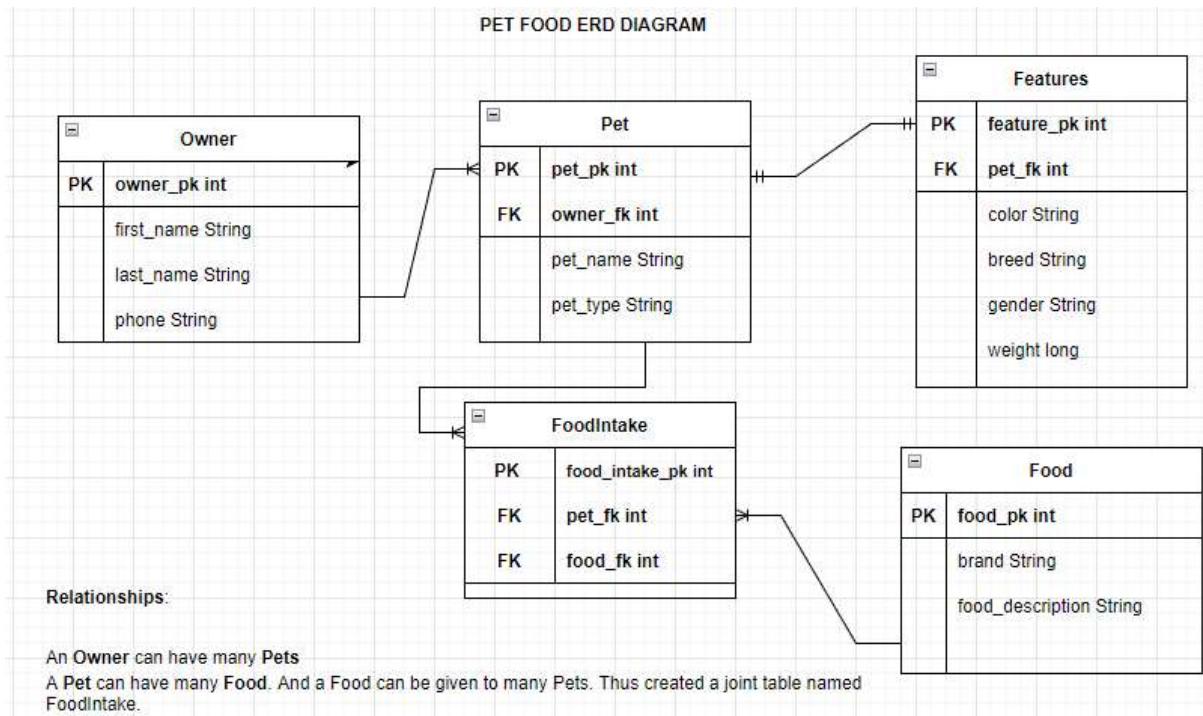
Server response

Code	Details	Links
200	Response body <pre>{}</pre> Response headers <pre>connection: keep-alive content-length: 0 content-type: text/plain;charset=UTF-8 date: Mon,27 Jun 2022 15:54:00 GMT keep-alive: timeout=60</pre>	Download

Responses

Code	Description	Links
200	SUCCESS	No links
400	bad input	No links
404	not found	No links
500	An unplanned error	No links

Database Design ERD



PET FOOD TRACKER SQL DOCUMENTATION

DB Table Name	Request URL	Description	Sample Response
Pet	GET URL/s: http://localhost:8080/pets/fetchPetByNameOrType?name={PetName} http://localhost:8080/pets/fetchPetByNameOrType?name={PetName}&type={PetType} http://localhost:8080/pets/fetchPetByNameOrType?type={PetType} Sample Curl: curl -X 'GET' \ 'http://localhost:8080/pets/fetchPetByNameOrType?name=Blackie&type=dog' \ -H 'accept: application/json'	Returns the list of Pets where PetName OR PetType is specified.	[{ "petId": 1, "ownerId": 2, "petName": "Blackie", "petType": "dog" }]
	curl -X 'GET' \ 'http://localhost:8080/pets/fetchAllPets' \ -H 'accept: application/json'	Returns the list of Pets	[{ "petId": 1, "ownerId": 2, "petName": "Blackie", "petType": "dog" }]
	curl -X 'PUT' \ 'http://localhost:8080/pets/updatePet' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "petId": 1, "ownerId": 2, "petName": "Hachiko", "petType": "dog" }'	Update an instance of Pet. <i>Requires a Request Body (as indicated)</i>	{ "petId": 1, "ownerId": 2, "petName": "Haciko", "petType": "dog" }
	curl -X 'POST' \ 'http://localhost:8080/pets/createPet' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "ownerId": 2, "petName": "Blackie", "petType": "dog" }'	Create an instance of Pet. <i>Requires a Request Body (as indicated)</i>	{ "petId": 1, "ownerId": 2, "petName": "Blackie", "petType": "dog" }
	curl -X 'DELETE' \ 'http://localhost:8080/pets/deletePet?petId=1' \ -H 'accept: */*'	Delete an instance of Pet. Returns {} when deletion is OK – success.	{}

DB Table Name	Request URL Curl Sample	Description	Sample Response
Owner	<pre>curl -X 'GET' \ 'http://localhost:8080/pets/fetchAllOwners' \ -H 'accept: application/json'</pre>	Returns the list of Owners.	<pre>[{ "firstName": "Ailene", "lastName": "Lim", "phone": "720 999 3842", "ownerPk": 1 }]</pre>
	<pre>curl -X 'POST' \ 'http://localhost:8080/pets/createOwner' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "firstName": "Ailene", "lastName": "Lim", "phone": "720 999 3342" }'</pre>	Create an instance of Owner <i>Requires a Request Body (as indicated)</i>	<pre>{ "firstName": "Ailene", "lastName": "Lim", "phone": "720 999 3342", "ownerPk": 1 }</pre>
	<pre>curl -X 'PUT' \ 'http://localhost:8080/pets/updateOwner' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "ownerPk": 1, "firstName": "Ailene", "lastName": "Lim", "phone": "123 456 789" }'</pre>	Update an instance of Owner. <i>Requires a Request Body (as indicated)</i>	<pre>{ "firstName": "Ailene", "lastName": "Lim", "phone": "123 456 789", "ownerPk": 1 }</pre>
	<pre>curl -X 'DELETE' \ 'http://localhost:8080/pets/deleteOwner?ownerId=1' \ -H 'accept: */*'</pre>	Delete an instance of Owner. Returns {} when deletion is OK – success.	{}

DB Table Name	Request URL Curl Sample	Description	Sample Response
Food	curl -X 'GET' \ 'http://localhost:8080/pets/fetchAllFood' \ -H 'accept: application/json'	Returns the list of Food.	[{ "foodId": 1, "brand": "Pedigree", "description": "dog Food" },]
	curl -X 'POST' \ 'http://localhost:8080/pets/createFood' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "brand": "Pedigree", "description": "dog food" }'	Create an instance of Food <i>Requires a Request Body (as indicated)</i>	{ "foodId": 1, "brand": "Pedigree", "description": "dog food" }
	curl -X 'PUT' \ 'http://localhost:8080/pets/updateFood' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "foodId": 1, "brand": "Pedigree", "description": "Nutritious dog food" }'	Update an instance of Food. <i>Requires a Request Body (as indicated)</i>	{ "foodId": 1, "brand": "Pedigree", "description": "Nutritious dog food" }
	curl -X 'DELETE' \ 'http://localhost:8080/pets/deleteFood?foodId=1' \ -H 'accept: */*'	Delete an instance of Food. Returns {} when deletion is OK – success.	{}

DB Table Name	Request URL Curl Sample	Description	Sample Response
Food Intake	curl -X 'GET' \ 'http://localhost:8080/pets/fetchAllFoodIntakeByPetId?petId=2' \ -H 'accept: application/json'	Returns the list of Food Intake where petId is specified.	[{ "foodId": 2, "petId": 2, "brand": "Pedigree", "description": "dog food" }]
	curl -X 'POST' \ 'http://localhost:8080/pets/createFoodIntake' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "foodId": 2, "petId": 2 }'	Create an instance of Food Intake <i>Requires a Request Body (as indicated)</i>	{ "foodIntakeId": 1, "foodId": 2, "petId": 2 }
	curl -X 'PUT' \ 'http://localhost:8080/pets/updateFoodIntake' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "foodIntakeId": 1, "foodId": 3, "petId": 2 }'	Update an instance of Food Intake. <i>Requires a Request Body (as indicated)</i>	{ "foodIntakeId": 1, "foodId": 3, "petId": 2 }
	curl -X 'DELETE' \ 'http://localhost:8080/pets/deleteFoodIntake?foodId=1&petId=2' \ -H 'accept: */*'	Delete an instance of Food Intake. Returns {} when deletion is OK – success.	{}

DB Table Name	Request URL Curl Sample	Description	Sample Response
Features	<pre>curl -X 'GET' \ 'http://localhost:8080/pets/fetchFeatures?id=2' \ -H 'accept: application/json'</pre>	<p>Returns the list of Pet Features where petId is specified.</p> <p>If petId is empty, returns all list of Pet Features</p>	<pre>[{ "petFk": 2, "color": "BLACK", "gender": "male", "breed": "Chihuahua", "weight": 6 }]</pre>
	<pre>curl -X 'POST' \ 'http://localhost:8080/pets/createFeature' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "petId": 2, "color": "BLACK", "gender": "Male", "breed": "Chihuahua", "weight": 6 }'</pre>	<p>Create an instance of Features</p> <p><i>Requires a Request Body (as indicated)</i></p>	<pre>{ "petFk": 2, "color": " BLACK ", "gender": " male", "breed": " Chihuahua", "weight": 6 }</pre>
	<pre>curl -X 'PUT' \ 'http://localhost:8080/pets/updateFeature' \ -H 'accept: application/json' \ -H 'Content-Type: application/json' \ -d '{ "petId": 2, "color": "black", "gender": "female", "breed": "chihuahua", "weight": 6 }'</pre>	<p>Update an instance of Features</p> <p><i>Requires a Request Body (as indicated)</i></p>	<pre>{ "petFk": 2, "color": "black", "gender": "female", "breed": " chihuahua", "weight": 6 }</pre>
	<pre>curl -X 'DELETE' \ 'http://localhost:8080/pets/deleteFeature?petId=2' \ -H 'accept: */*'</pre>	<p>Delete an instance of Features</p> <p>Returns {} when deletion is OK – success.</p>	<pre>{}</pre>