Documentation

This code is similar to code in flask-sqlite folder. However in this case sqlalchemy (object relational mapper) iis used.

POST method:

Endpoint: http://127.0.0.1:5000/product

Method:POST

Example 1:

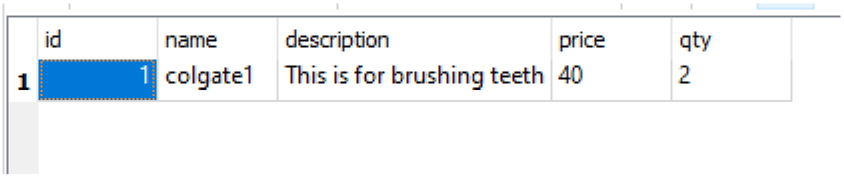
Request:

```
{
"name": "colgate1",
"description": "This is for brushing teeth",
 "price": 40,
 "qty": 2
 }
```

Response:

```
{
   "description": "This is for brushing teeth",
   "name": "colgate1",
   "price": "40",
   "qty": "2"
}
```

Database:



	id	name	description	price	qty
1	1	colgate1	This is for brushing teeth	40	2

Example 2:

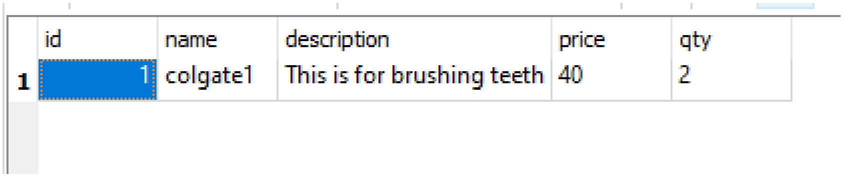
Request:

```
{
    "name": "Ujala",
    "description": "This is for cleaning",
    "price": 15,
    "qty": 2
}
```

Response:

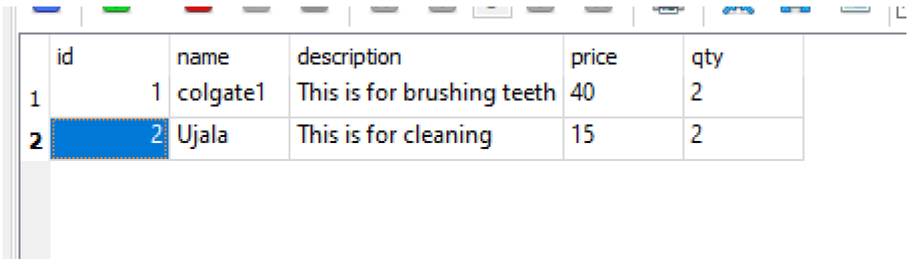
```
{
   "description": "This is for cleaning",
   "name": "Ujala",
   "price": "15",
   "qty": "2"
}
```

Database before adding:



	id	name	description	price	qty
1	1	colgate1	This is for brushing teeth	40	2

Database after adding:



	id	name	description	price	qty
1	1	colgate1	This is for brushing teeth	40	2
2	2	Ujala	This is for cleaning	15	2

GET method 1: Get resource by id

Endpoint: http://127.0.0.1:5000/product/<id>

Example of endpoint:http://127.0.0.1:5000/product/2

Method: GET

Response:

```
{
  "description": "This is for cleaning",
  "name": "Ujala",
  "price": "15",
  "qty": "2"
}
```

GET method 2: Get all resources inside the database

Endpoint: http://127.0.0.1:5000/product

Method: GET

Response:

```
[
  {
    "description": "This is for brushing teeth",
    "name": "colgate1",
    "price": "40",
    "qty": "2"
  },
  {
    "description": "This is for cleaning",
    "name": "Ujala",
    "price": "15",
    "qty": "2"
  }
]
```

Delete method:

Endpoint: http://127.0.0.1:5000/product/1

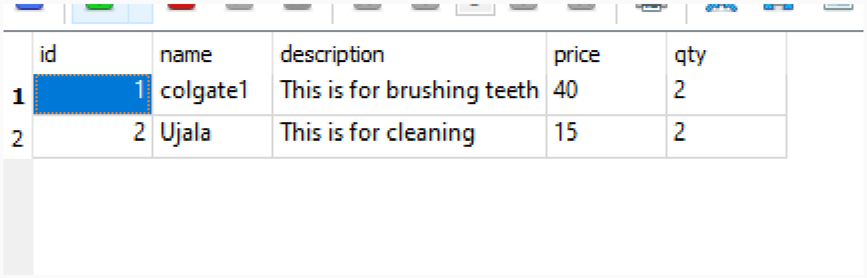
Method: DELETE

Response will display the deleted item

Response:

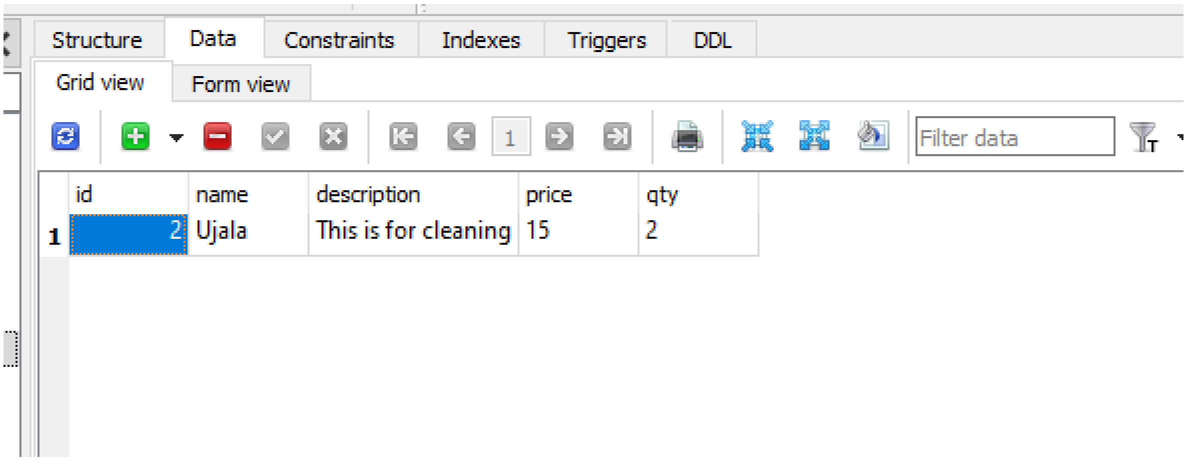
```
{
  "description": "This is for brushing teeth",
  "name": "colgate1",
  "price": "40",
  "qty": "2"
}
```

Database before delete operation:



	id	name	description	price	qty
1	1	colgate1	This is for brushing teeth	40	2
2	2	Ujala	This is for cleaning	15	2

Database after delete operation:



	id	name	description	price	qty
1	2	Ujala	This is for cleaning	15	2

PUT method:

Endpoint: http://127.0.0.1:5000/product/2

Method: PUT

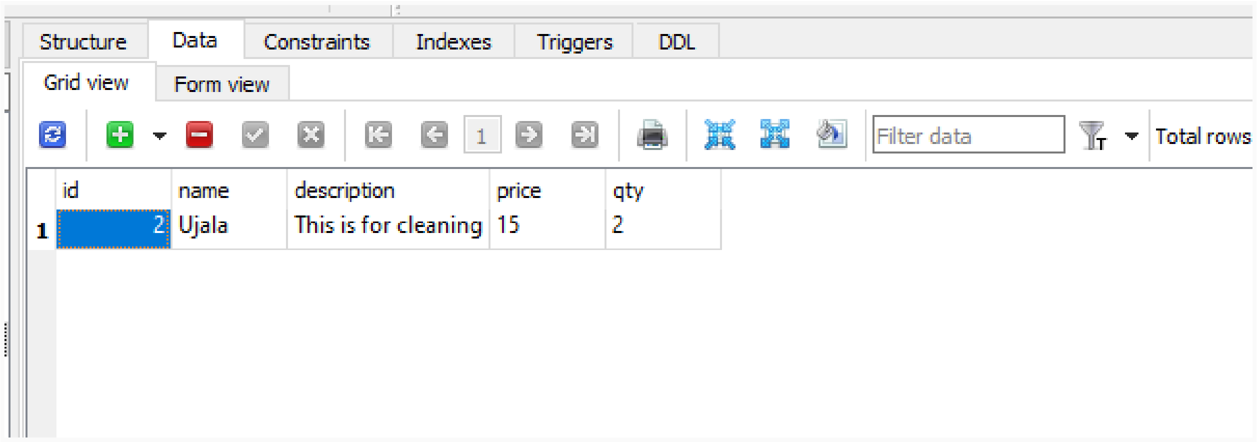
Request:

```
{
  "id": 2,
  "name": "Ujala2",
  "description": "This is a new version of ujala. Its used for cleaning clothes",
  "price": 30,
  "qty": 5
}
```

Response:

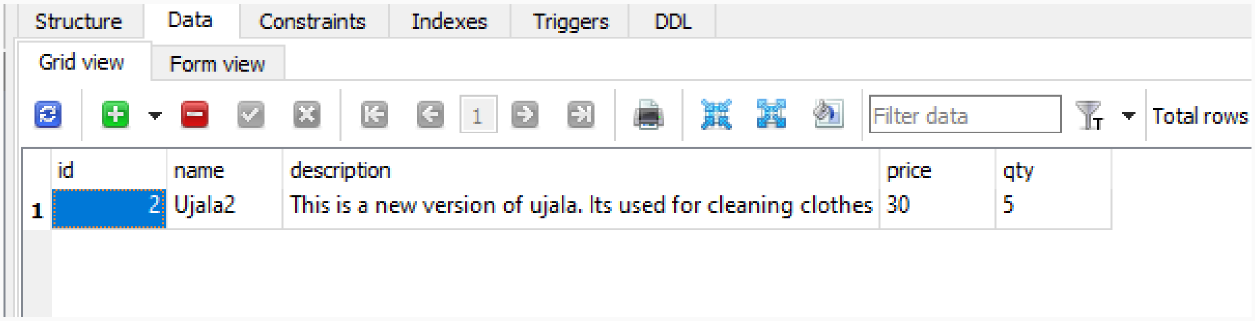
```
{
  "description": "This is a new version of ujala. Its used for cleaning clothes",
  "name": "Ujala2",
  "price": "30",
  "qty": "5"
}
```

Database before update:



	id	name	description	price	qty
1	2	Ujala	This is for cleaning	15	2

Database after update



	id	name	description	price	qty
1	2	Ujala2	This is a new version of ujala. Its used for cleaning clothes	30	5