

Phase 2

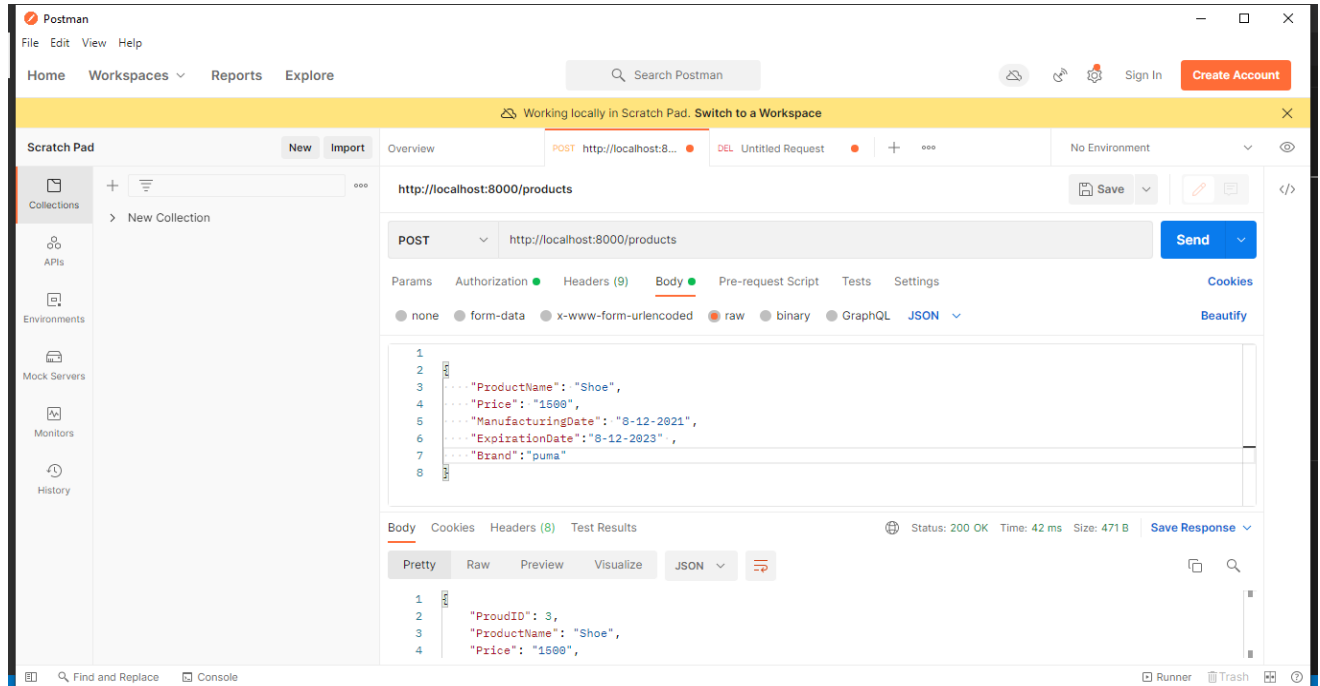
Node Evaluation 1

Create a Product Api which satisfies the following requirements:

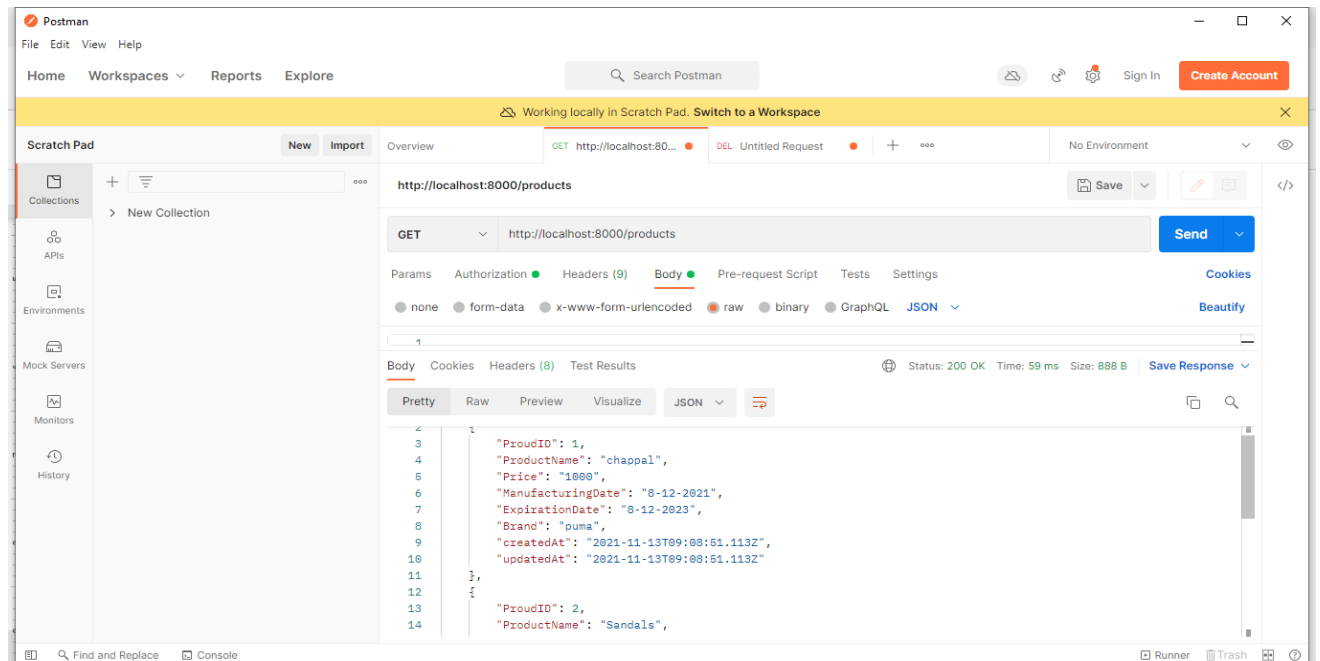
1. The Product Model should have the following properties:
 - a. ProductID
 - b. ProductName
 - c. Price
 - d. ManufacturingDate
 - e. ExpirationDate
 - f. Brand
2. Use Sequelize as ORM
3. Use SQLite as the Database
4. Configure the api using Express JS to work with all the below verbs
 - a. GET
 - b. POST
 - c. PUT
 - d. DELETE
5. The api should use Promises for asynchronous calls
6. Configure CORS for the api
7. The project should be testable using Postman tool
8. Split the project into multiple layers as specified below:
 - a. Config – for database core logic
 - b. Maintain the model separately
 - c. Data access object layer
 - d. Controllers have to be maintained separately
 - e. Routes have to be maintained separately

API

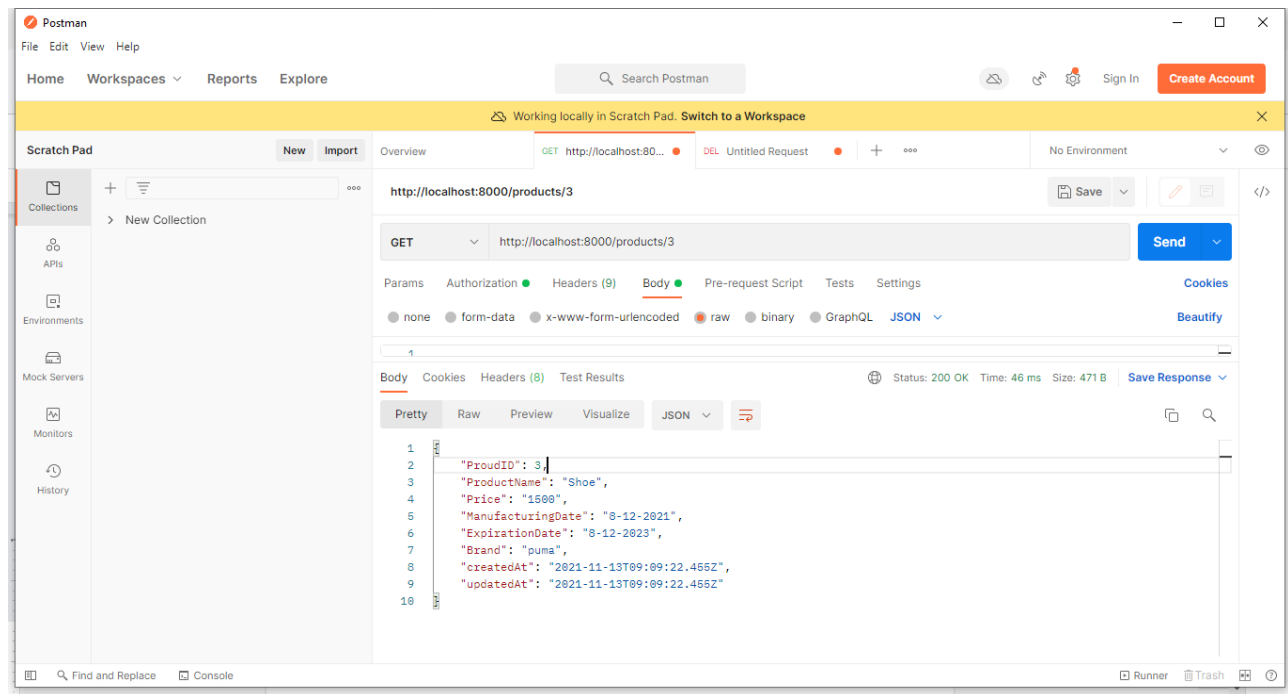
POST



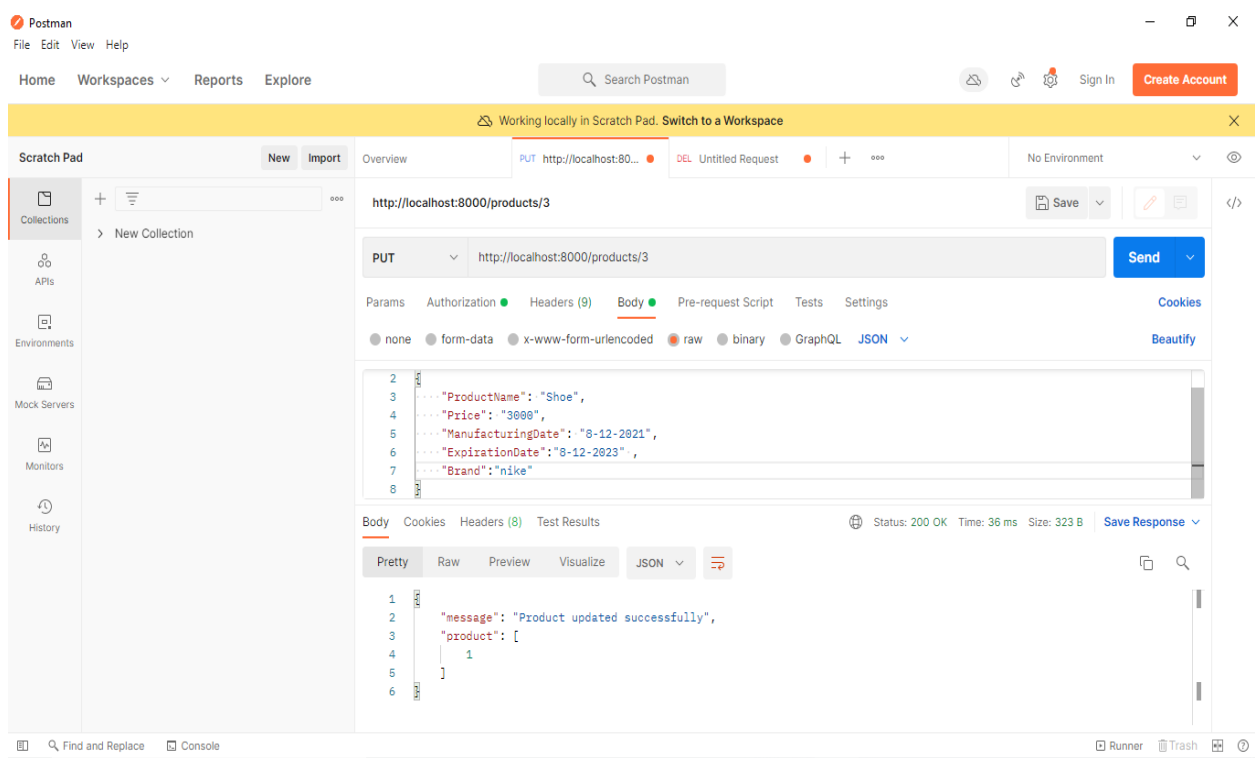
GET



GET (Product ID)



PUT



DELETE

Postman interface showing a DELETE request to `http://localhost:8000/products/1`. The request is configured with the following body (JSON):

```
{  "productName": "Shoe",  "Price": "3000",  "ManufacturingDate": "8-12-2021",  "ExpirationDate": "8-12-2023",  "Brand": "nike"}
```

The response is a 200 OK status, indicating successful deletion. The response body (JSON) is:

```
{  "message": "Product deleted successfully",  "product": 1}
```

Postman interface showing a GET request to `http://localhost:8000/products`. The response is a 200 OK status, indicating successful retrieval. The response body (JSON) is:

```
[  {    "ProudID": 2,    "ProductName": "Sandals",    "Price": "1500",    "ManufacturingDate": "8-12-2021",    "ExpirationDate": "8-12-2023",    "Brand": "puma",    "createdAt": "2021-11-13T09:09:08.308Z",    "updatedAt": "2021-11-13T09:09:08.308Z"  },  {    "ProudID": 3,    "ProductName": "Shoe",    "Price": "3000",    "ManufacturingDate": "8-12-2021",    "ExpirationDate": "8-12-2023",    "Brand": "nike"  }]
```