Nimap Machine Test

Aim: Implement One to many relationships (Category and Products)tables and perform CURD operation.

Technology used in project are as follows.

Programming language: Java

Database: Mysql

Web framework: Spring boot.

ORM framework: Hibernate

Software for testing: Postman API

//Execution of Project With certain Inputs and Outputs.

• Creation of Database Detailing.

```
mysql> create database detailing;
Query OK, 1 row affected (0.01 sec)
mysql> use detailing;
Database changed
mysql> _
```

• After Executing the Spring boot Project We will get the Tables as below:-

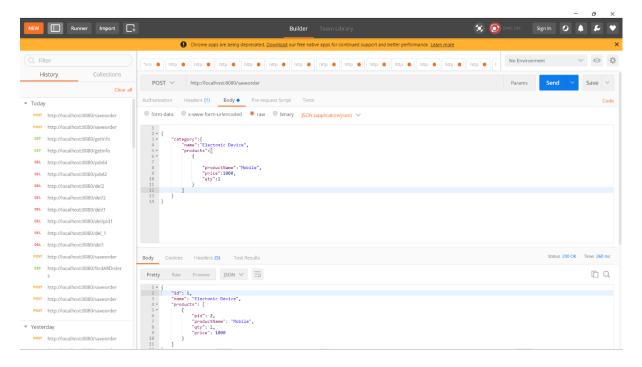
• Description of Table Category and Project

//CURD Operations.

1.Post Method:-Inserting the data to Database Detailing.

URL used:- http://localhost:8080/saveorder

JSON Code With Input and its Output:

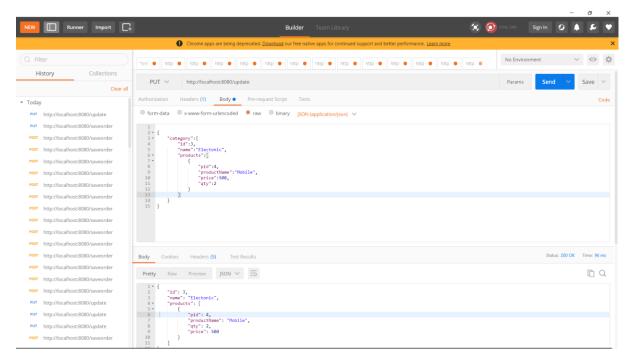


• Database Before and After Post Method:-

• After Posting multiple times:-

2.Put Method:-Updating Value using the JSON code Below Image.

URL used:- http://localhost:8080/update



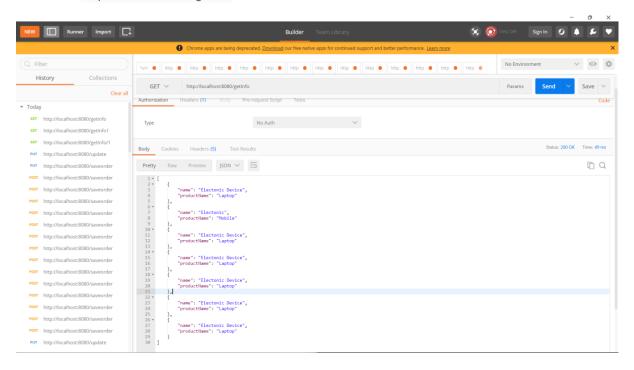
Database After Execution of above Command.

Change in the Category And Product table.

id=3 for category and pid=4 for product.

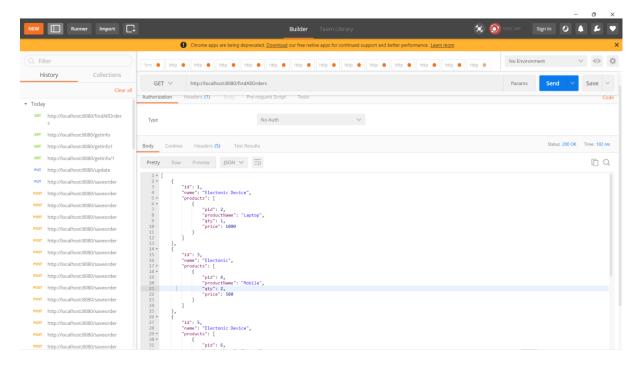
3.Get Method:-Reading the data from Database Detailing.

URL used:- http://localhost:8080/getInfo



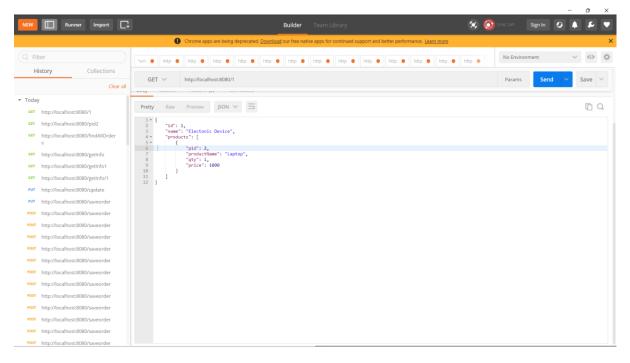
findAllOrders

URL used:- http://localhost:8080/findAllOrders

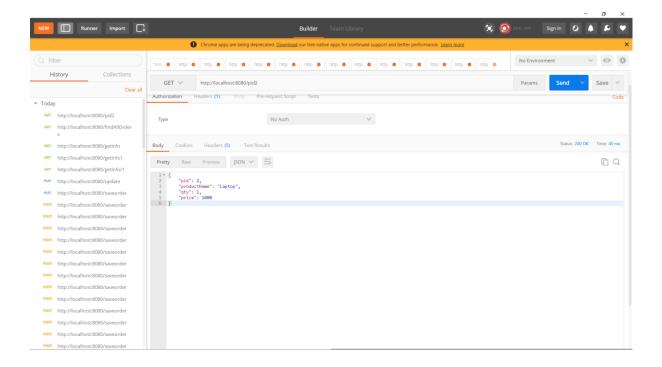


• Get values By Category Id

URI used:- http://localhost:8080/1



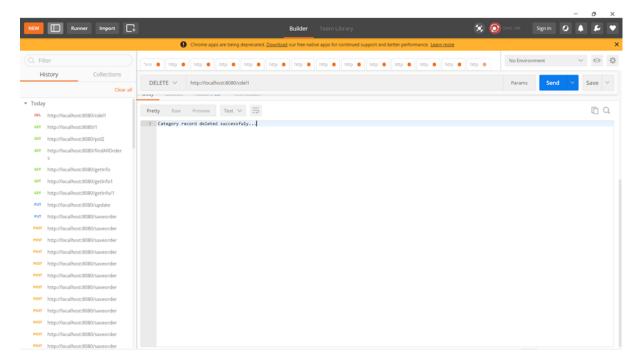
- Get values By Product Id
- URL used:- http://localhost:8080/pid2



4.Delete Method:-Deleting the data From Database Detailing.

Delete by category

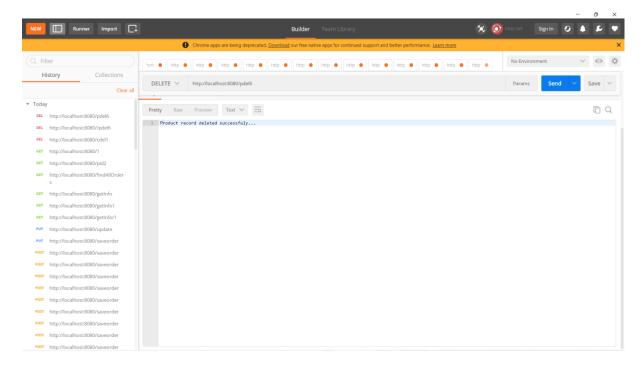
URL used:- http://localhost:8080/cdel1



• Before delete and After deleting

• Delete by product

URL used:- http://localhost:8080/pdel6



Before

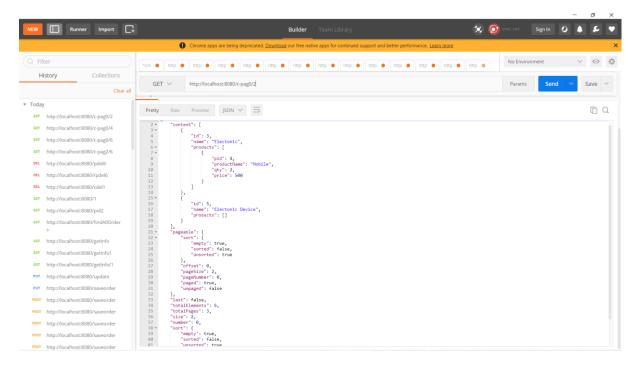
After

Pagination

By category

URL used :-http://localhost:8080/c-pag0/2

-It Gives first 2 values by category ID.



By product

URL used:-http://localhost:8080/c-pag0/2

-It Gives the values of first 2 product pld in database.

