

Institute of Technology of Cambodia



Department of Information and Communication Engineering

Assignment TP11

TP11: CRUD APIs, Mongoose

Group: I4 GIC(C)

Lecturers Subjects

HOK TIN TP Internet-Programming II(IP)

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Academic Year: 2022 ~ 2023

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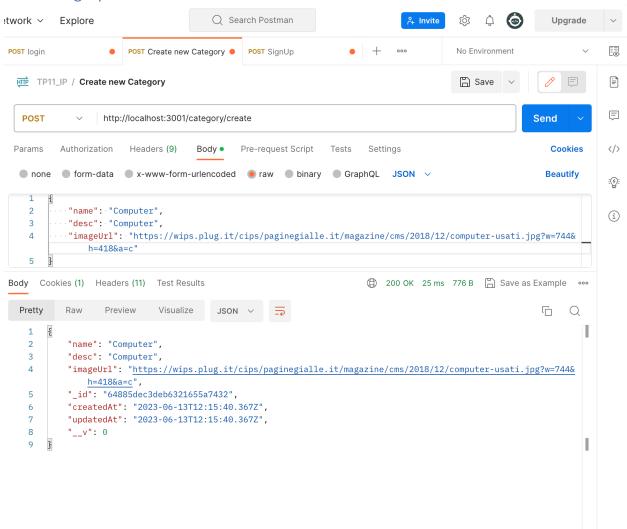
GitHub's Repository: https://github.com/Dapravith/TP_Internet_Programming/tree/TP11

EX1: CRUD APIS

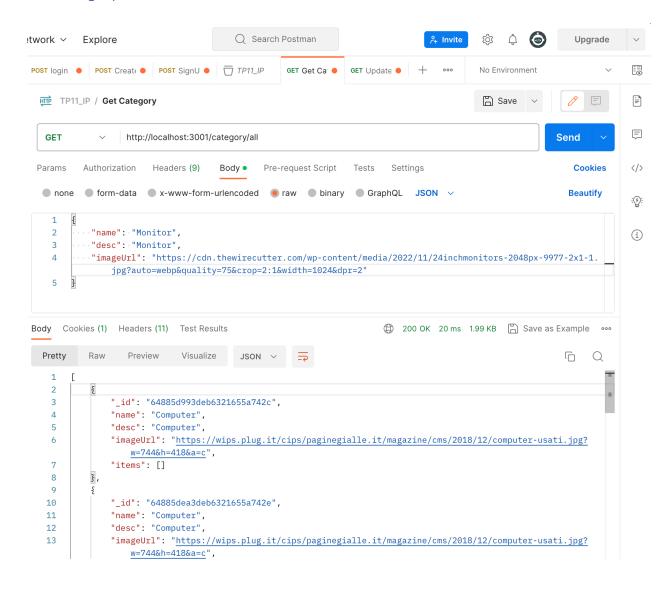
Create APIs to manage products by categorizing/sub-categorizing.

CRUD APIs for Category

Create Category

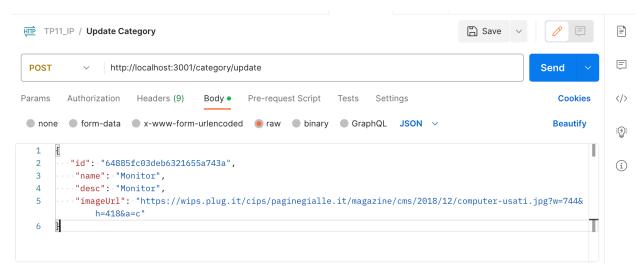


Get Category



Update Category

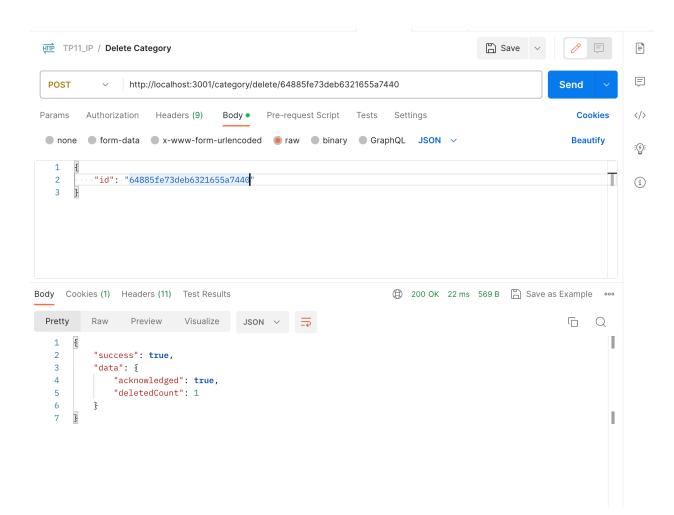
Before Update Cateogry



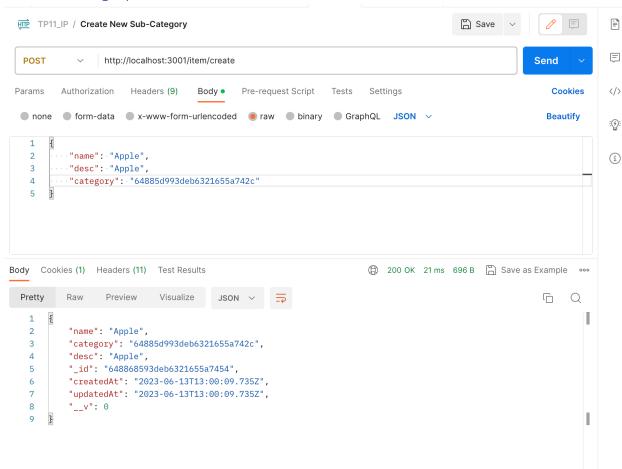
After Update Category

```
TP11_IP / Update Category
                                                                                     🖺 Save
                                                                                                                  POST
                 http://localhost:3001/category/update
                                                                                                   Send
                                                                                                      Cookies
                                                                                                                 </>
Params
         Authorization
                      Headers (9)
                                   Body •
                                           Pre-request Script
                                                                    Settings
                                                            Tests
         none
                                                                                                     Beautify
                                                                                                                  <u>:(2):</u>
   1
   2
         "id": "64885fc03deb6321655a743a",
                                                                                                                  i
           "name": "Tablet",
   3
           "desc": "Best Tablet",
           "imageUrl":-"https://wips.plug.it/cips/paginegialle.it/magazine/cms/2018/12/computer-usati.jpg?w=744&
   5
   6
Body Cookies (1) Headers (11) Test Results
                                                                    200 OK 19 ms 801 B Save as Example •••
  Pretty
                  Preview
                            Visualize
          Raw
                                       JSON
                                                                                                     Q
           "success": true,
   2
   3
           "data": {
   4
              "_id": "64885fc03deb6321655a743a",
               "name": "Tablet",
   5
               "desc": "Best Tablet",
               "imageUrl": "https://wips.plug.it/cips/paginegialle.it/magazine/cms/2018/12/computer-usati.jpg?
   7
                  w=744&h=418&a=c",
               "createdAt": "2023-06-13T12:23:28.373Z",
   8
               "updatedAt": "2023-06-13T12:52:42.578Z",
  10
               "__v": 0
  11
  12
```

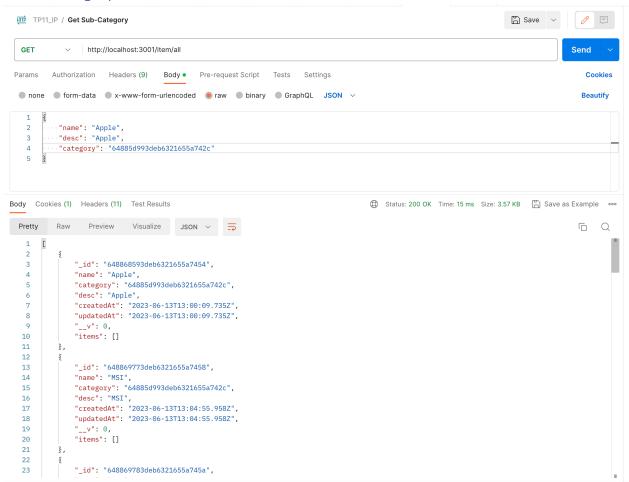
Delete Category



CRUD APIs for Sub-CategoryCreate new Sub-Category



Get sub-Category

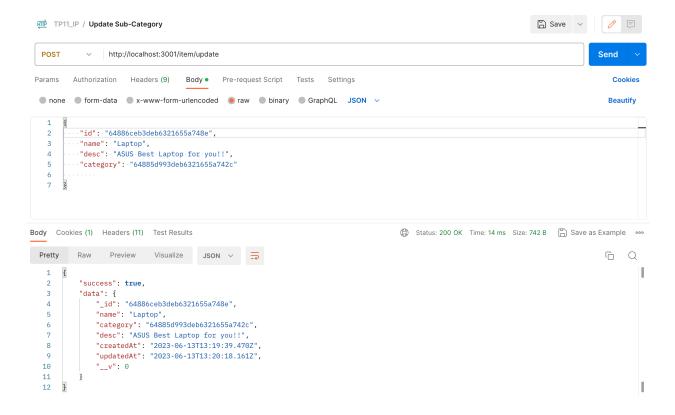


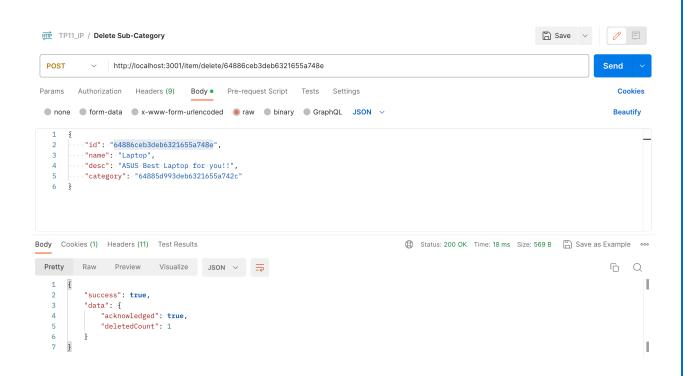
Update Sub-Category

Before Update Sub-Category

```
"_id": "64885fca3deb6321655a743c",
    "name": "Laptop",
    "desc": "Laptop",
    "imageUrl": "https://wips.plug.it/cips/paginegialle.it/magazine/cms/2018/12/computer-usati.jpg?w=744&h=418&a=c",
    "items": []
```

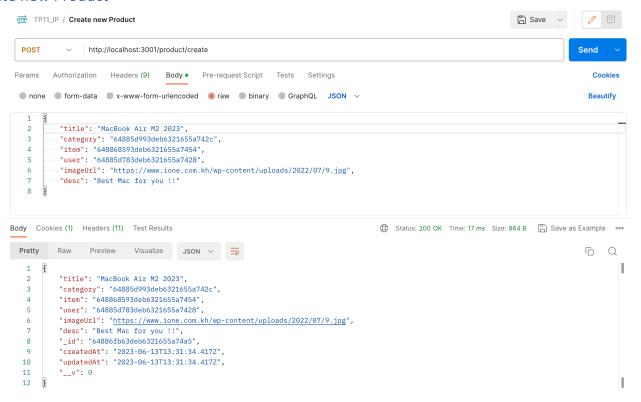
After Update Sub-Category



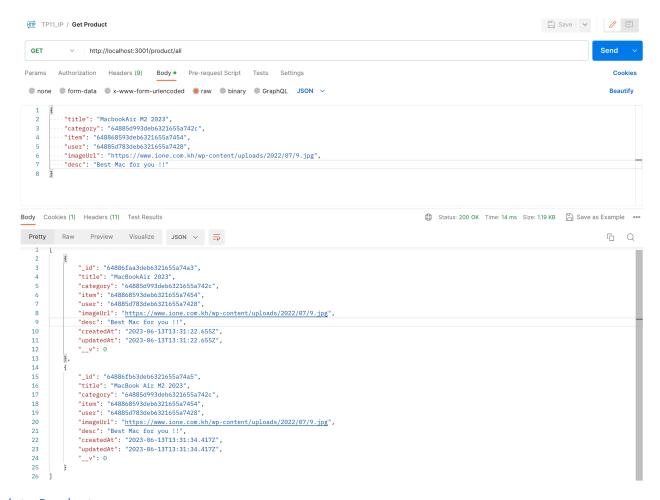


CRUD APIs for Product

Create new Product



Get Product

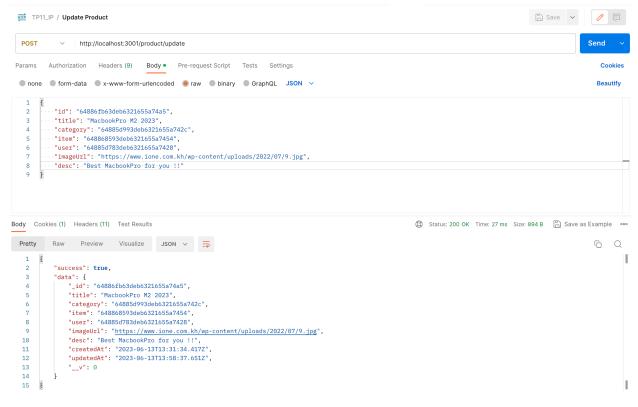


Update Product

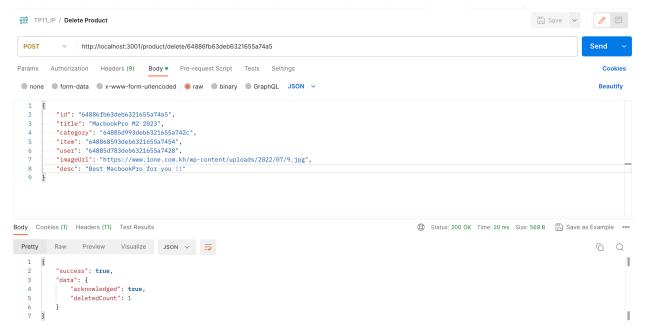
Before Update

```
"_id": "64886faa3deb6321655a74a3",
    "title": "MacBookAir 2023",
    "category": "64885d993deb6321655a742c",
    "item": "648868593deb6321655a7454",
    "user": "648868593deb6321655a7428",
    "imageUrl": "Https://www.ione.com.kh/wp-content/uploads/2022/07/9.jpg",
    "desc": "Best Mac for you !!",
    "createdAt": "2023-06-13T13:31:22.655Z",
    "updatedAt": "2023-06-13T13:31:22.655Z",
    "__v": 0
},
```

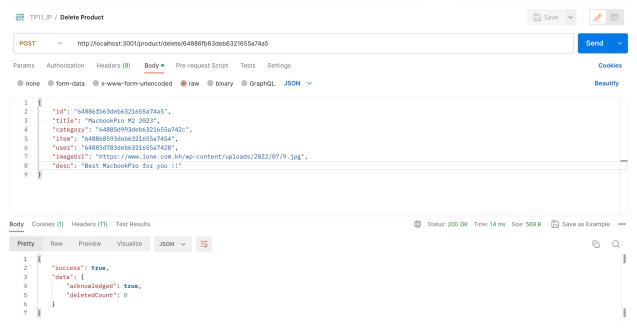
After Update



Delete Product



When delete product 2nd times



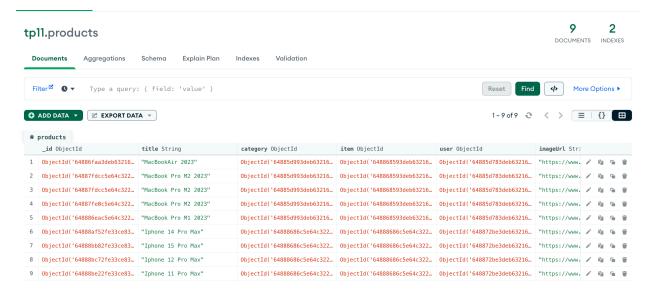
Ex2: TopOne app

Design a basic website template to compare product price tags from difference source.

http://localhost:3000/product



List data for product in MongoDB



List data for category product in MongoDB

