TP11

Internet Programming

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I4-GIC (A)

INTERNET PROGRAMMING

Mr. HOK TIN

EX1

http://localhost:3001/category/create

Save

POST   http://localhost:3001/category/create   Send

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings   Cookies

none   form-data   x-www-form-urlencoded   raw   binary   GraphQL   JSON ⌄   Beautify

```json
1  {
2      "name": "phone",
3      "desc": "smart phone",
4      "imageUrl":"https://www.google.com/imgres?imgurl=http%3A%2F%2Fhakse.com.
          kh%2Fwp-content%2Fuploads%2F14promax.jpg&tbnid=ojmcAPHw-iY07M&
          vet=12ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ..i&imgrefurl=http%3A%2F%2Fhakse.com.
          kh%2Fproduct%2Fiphone-14-pro-max&docid=q-zXbeZ_ybZSSM&w=540&h=540&q=phone&
          ved=2ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ"
5  }
6
```

Body   Cookies (1)   Headers (11)   Test Results   ⊕ 200 OK 19 ms 1013 B   Save Response ⌄

Pretty   Raw   Preview   Visualize   JSON ⌄

```json
1  {
2      "name": "phone",
3      "desc": "smart phone",
4      "imageUrl": "https://www.google.com/imgres?imgurl=http%3A%2F%2Fhakse.com.
          kh%2Fwp-content%2Fuploads%2F14promax.jpg&tbnid=ojmcAPHw-iY07M&
          vet=12ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ..i&imgrefurl=http%3A%2F%2Fhakse.com.
          kh%2Fproduct%2Fiphone-14-pro-max&docid=q-zXbeZ_ybZSSM&w=540&h=540&q=phone&
          ved=2ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ",
5      "_id": "648b1caa6758b08beac9a9f2",
6      "createdAt": "2023-06-15T14:14:02.771Z",
7      "updatedAt": "2023-06-15T14:14:02.771Z",
8      "__v": 0
9  }
```

http://localhost:3001/category/all

Save

GET   http://localhost:3001/category/all   Send

Params   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   Cookies

Body   Cookies (1)   Headers (11)   Test Results   ⊕ 200 OK 30 ms 940 B   Save Response ⌄

Pretty   Raw   Preview   Visualize   JSON ⌄

```json
1  [
2      {
3          "_id": "648b1caa6758b08beac9a9f2",
4          "name": "phone",
5          "desc": "smart phone",
6          "imageUrl": "https://www.google.com/imgres?imgurl=http%3A%2F%2Fhakse.com.
              kh%2Fwp-content%2Fuploads%2F14promax.jpg&tbnid=ojmcAPHw-iY07M&
              vet=12ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ..i&imgrefurl=http%3A%2F%2Fhakse.com.
              kh%2Fproduct%2Fiphone-14-pro-max&docid=q-zXbeZ_ybZSSM&w=540&h=540&q=phone&
              ved=2ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ",
7          "items": []
8      }
9  ]
```

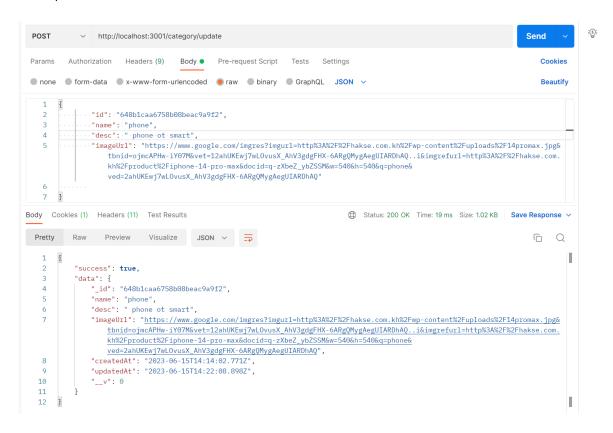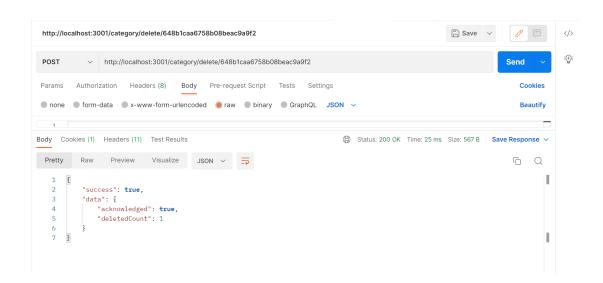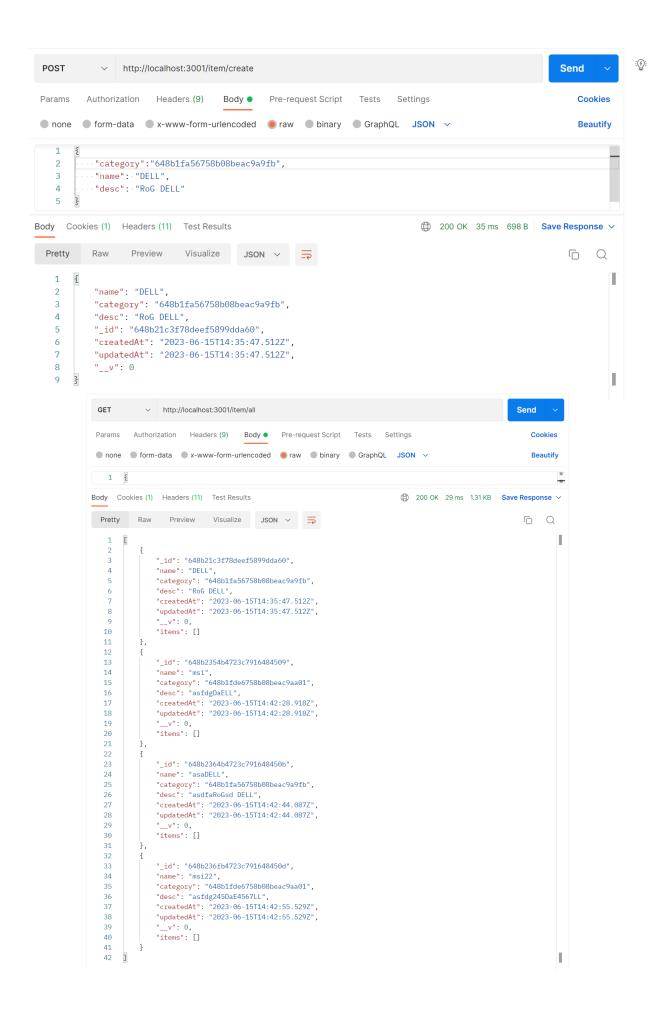-before update

```
1  [
2      {
3          "_id": "648b1caa6758b08beac9a9f2",
4          "name": "phone",
5          "desc": "smart phone",
6          "imageUrl": "https://www.google.com/imgres?imgurl=http%3A%2F%2Fhakse.com.
              kh%2Fwp-content%2Fuploads%2F14promax.jpg&tbnid=ojmcAPHw-iY07M&
              vet=12ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ..i&imgrefurl=http%3A%2F%2Fhakse.com.
              kh%2Fproduct%2Fiphone-14-pro-max&docid=q-zXbeZ_ybZSSM&w=540&h=540&q=phone&
              ved=2ahUKEwj7wLOvusX_AhV3gdgFHX-6ARgQMygAegUIARDhAQ",
7          "items": []
8      }
9  ]
```

-after update

-   Delete by id

POST ∨ http://localhost:3001/item/create **Send** ∨

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings Cookies

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON ∨ Beautify

```json
1  {
2      "category":"648b1fa56758b08beac9a9fb",
3      "name":"DELL",
4      "desc":"RoG DELL"
5  }
```

Body Cookies (1) Headers (11) Test Results   ⊕ 200 OK 35 ms 698 B Save Response ∨

Pretty Raw Preview Visualize JSON ∨

```json
1  {
2      "name": "DELL",
3      "category": "648b1fa56758b08beac9a9fb",
4      "desc": "RoG DELL",
5      "_id": "648b21c3f78deef5899dda60",
6      "createdAt": "2023-06-15T14:35:47.512Z",
7      "updatedAt": "2023-06-15T14:35:47.512Z",
8      "__v": 0
9  }
```

GET ∨ http://localhost:3001/item/all **Send** ∨

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings Cookies

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON ∨ Beautify

```json
1  {
```

Body Cookies (1) Headers (11) Test Results   ⊕ 200 OK 29 ms 1.31 KB Save Response ∨

Pretty Raw Preview Visualize JSON ∨

```json
1  [
2      {
3          "_id": "648b21c3f78deef5899dda60",
4          "name": "DELL",
5          "category": "648b1fa56758b08beac9a9fb",
6          "desc": "RoG DELL",
7          "createdAt": "2023-06-15T14:35:47.512Z",
8          "updatedAt": "2023-06-15T14:35:47.512Z",
9          "__v": 0,
10         "items": []
11     },
12     {
13         "_id": "648b2354b4723c7916484509",
14         "name": "msi",
15         "category": "648b1fde6758b08beac9aa01",
16         "desc": "asfdgDaELL",
17         "createdAt": "2023-06-15T14:42:28.918Z",
18         "updatedAt": "2023-06-15T14:42:28.918Z",
19         "__v": 0,
20         "items": []
21     },
22     {
23         "_id": "648b2364b4723c791648450b",
24         "name": "asaDELL",
25         "category": "648b1fa56758b08beac9a9fb",
26         "desc": "asdfaRoGsd DELL",
27         "createdAt": "2023-06-15T14:42:44.087Z",
28         "updatedAt": "2023-06-15T14:42:44.087Z",
29         "__v": 0,
30         "items": []
31     },
32     {
33         "_id": "648b236fb4723c791648450d",
34         "name": "msi22",
35         "category": "648b1fde6758b08beac9aa01",
36         "desc": "asfdg245DaE4567LL",
37         "createdAt": "2023-06-15T14:42:55.529Z",
38         "updatedAt": "2023-06-15T14:42:55.529Z",
39         "__v": 0,
40         "items": []
41     }
42 ]
```

-item before update

```
{
    "_id": "648b21c3f78deef5899dda60",
    "name": "DELL",
    "category": "648b1fa56758b08beac9a9fb",
    "desc": "RoG DELL",
    "createdAt": "2023-06-15T14:35:47.512Z",
    "updatedAt": "2023-06-15T14:35:47.512Z",
    "__v": 0,
    "items": []
},
```

-item after update

POST http://localhost:3001/item/update   Send

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings   Cookies

none form-data x-www-form-urlencoded raw binary GraphQL   JSON   Beautify

```
1  {
2      "id": "648b21c3f78deef5899dda60",
3      "name": "DELL",
4      "category": "648b1fa56758b08beac9a9fb",
5      "desc": "No have a RGB"
6  }
```

Body Cookies (1) Headers (11) Test Results   200 OK 34 ms 722 B   Save Response

Pretty Raw Preview Visualize   JSON

```
1  {
2      "success": true,
3      "data": {
4          "_id": "648b21c3f78deef5899dda60",
5          "name": "DELL",
6          "category": "648b1fa56758b08beac9a9fb",
7          "desc": "RoG DELL",
8          "createdAt": "2023-06-15T14:35:47.512Z",
9          "updatedAt": "2023-06-15T14:35:47.512Z",
10         "__v": 0
11     }
12 }
```

- **Delete item by ID**
-

POST ⌄ | http://localhost:3001/item/delete/648b21c3f78deef5899dda60 | **Send** ⌄

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings   **Cookies**

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ⌄   **Beautify**

Body Cookies (1) Headers (11) Test Results   ⊕ 200 OK 23 ms 569 B **Save Response** ⌄

Pretty Raw Preview Visualize JSON ⌄ ⇄

```
1  {
2      "success": true,
3      "data": {
4          "acknowledged": true,
5          "deletedCount": 1
6      }
7  }
```

POST ⌄ | http://localhost:3001/product/create | **Send** ⌄

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings   **Cookies**

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ⌄   **Beautify**

```
1  {
2      "title": "Dell G5",
3      "category": "648b1fde6758b08beac9aa01",
4      "item": "648b2354b4723c7916484509",
5      "user": "648b1a936758b08beac9a9ee",
6      "desc": "RoG DELL",
7      "imageUrl":"https://www.google.com/imgres?imgurl=https%3A%2F%2Fcdn.mos.cms.futurecdn.
           net%2Ff5b4Za98noyKQzJjLmHAnd.jpg&tbnid=IUVDfFeX12zjwM&
           vet=12ahUKEwiX56vQvcX_AhURjNgFHTuvAiYQMygVegUIARDBAQ..i&imgrefurl=https%3A%2F%2Fwww.tomsguide.
           com%2Fus%2Fbest-gaming-pc%2Creview-2219.html&docid=ZUqQbQsbdWaKWM&w=2000&h=857&itg=1&q=pc&
           ved=2ahUKEwiX56vQvcX_AhURjNgFHTuvAiYQMygVegUIARDBAQ"
8  }
```

Body Cookies (1) Headers (11) Test Results   ⊕ 200 OK 36 ms 1.12 KB **Save Response** ⌄

Pretty Raw Preview Visualize JSON ⌄ ⇄

```
1  {
2      "title": "Dell G5",
3      "category": "648b1fde6758b08beac9aa01",
4      "item": "648b2354b4723c7916484509",
5      "user": "648b1a936758b08beac9a9ee",
6      "imageUrl": "https://www.google.com/imgres?imgurl=https%3A%2F%2Fcdn.mos.cms.futurecdn.
           net%2Ff5b4Za98noyKQzJjLmHAnd.jpg&tbnid=IUVDfFeX12zjwM&
           vet=12ahUKEwiX56vQvcX_AhURjNgFHTuvAiYQMygVegUIARDBAQ..i&imgrefurl=https%3A%2F%2Fwww.tomsguide.
           com%2Fus%2Fbest-gaming-pc%2Creview-2219.html&docid=ZUqQbQsbdWaKWM&w=2000&h=857&itg=1&q=pc&
           ved=2ahUKEwiX56vQvcX_AhURjNgFHTuvAiYQMygVegUIARDBAQ",
7      "desc": "RoG DELL",
8      "_id": "648b260cb4723c7916484513",
9      "createdAt": "2023-06-15T14:54:04.931Z",
10     "updatedAt": "2023-06-15T14:54:04.931Z",
11     "__v": 0
12  }
```

GET ∨ http://localhost:3001/product/all   **Send** ∨

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings   Cookies

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON ∨   Beautify

Body Cookies (1) Headers (11) Test Results   ⊕ 200 OK 48 ms 1.82 KB Save Response ∨

Pretty Raw Preview Visualize JSON ∨ ⇌

```
 1  [
 2      {
 3          "_id": "648b260cb4723c7916484513",
 4          "title": "Dell G5",
 5          "category": "648b1fde6758b08beac9aa01",
 6          "item": "648b2354b4723c7916484509",
 7          "user": "648b1a936758b08beac9a9ee",
 8          "imageUrl": "https://www.google.com/imgres?imgurl=https%3A%2F%2Fcdn.mos.cms.futurecdn.
                net%2Ff5b4Za98noyKQzJjLmHAnd.jpg&tbnid=IUVDfFeX12zjwM&
                vet=12ahUKEwiX56vQvcX_AhURjNgFHTuvAiYQMygVegUIARDBAQ..i&imgrefurl=https%3A%2F%2Fwww.tomsguide.
                com%2Fus%2Fbest-gaming-pc%2Creview-2219.html&docid=ZUqQbQsbdWaKWM&w=2000&h=857&itg=1&q=pc&
                ved=2ahUKEwiX56vQvcX_AhURjNgFHTuvAiYQMygVegUIARDBAQ",
 9          "desc": "RoG DELL",
10          "createdAt": "2023-06-15T14:54:04.931Z",
11          "updatedAt": "2023-06-15T14:54:04.931Z",
12          "__v": 0
13      },
14      {
15          "_id": "648b26beb4723c7916484515",
16          "title": "Mac book Pro",
17          "category": "648b1fa56758b08beac9a9fb",
18          "item": "648b2364b4723c791648450b",
19          "user": "648b1a936758b08beac9a9ee",
20          "imageUrl": "https://www.google.com/imgres?imgurl=https%3A%2F%2Fm.media-amazon.
                com%2Fimages%2FI%2F61Y30DpqRVL._AC_UF1000%2C1000_QL80_.jpg&tbnid=g66CZjfRwFD3SM&
                vet=12ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ..i&imgrefurl=https%3A%2F%2Fwww.amazon.
                com%2FApple-MacBook-16-inch-10%25E2%2580%2591core-32%25E2%2580%2591core%2Fdp%2FB09JQP37K3&
                docid=v-ce4mxv5icqTM&w=1000&h=612&q=mac%20book%20pro&
                ved=2ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ",
21          "desc": "Not for sell",
22          "createdAt": "2023-06-15T14:57:02.606Z",
23          "updatedAt": "2023-06-15T14:57:02.606Z",
24          "__v": 0
25      }
26  ]
```

-product before update

```
14      {
15          "_id": "648b26beb4723c7916484515",
16          "title": "Mac book Pro",
17          "category": "648b1fa56758b08beac9a9fb",
18          "item": "648b2364b4723c791648450b",
19          "user": "648b1a936758b08beac9a9ee",
20          "imageUrl": "https://www.google.com/imgres?imgurl=https%3A%2F%2Fm.media-amazon.
                com%2Fimages%2FI%2F61Y30DpqRVL._AC_UF1000%2C1000_QL80_.jpg&tbnid=g66CZjfRwFD3SM&
                vet=12ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ..i&imgrefurl=https%3A%2F%2Fwww.amazon.
                com%2FApple-MacBook-16-inch-10%25E2%2580%2591core-32%25E2%2580%2591core%2Fdp%2FB09JQP37K3&
                docid=v-ce4mxv5icqTM&w=1000&h=612&q=mac%20book%20pro&
                ved=2ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ",
21          "desc": "Not for sell",
22          "createdAt": "2023-06-15T14:57:02.606Z",
23          "updatedAt": "2023-06-15T14:57:02.606Z",
24          "__v": 0
25      }
26  ]
```

- product after update

http://localhost:3001/product/update

POST   http://localhost:3001/product/update   Send

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings   Cookies

none   form-data   x-www-form-urlencoded   raw   binary   GraphQL   JSON ∨   Beautify

```
1  {
2    "id": "648b26beb4723c7916484515",
3    "title": "Mac book Pro M2",
4    "category": "648b1fa56758b08beac9a9fb",
5    "item": "648b2364b4723c791648450b",
6    "user": "648b1a936758b08beac9a9ee",
7    "desc": "Not for sell",
8    "imageUrl": "https://www.google.com/imgres?imgurl=https%3A%2F%2Fm.media-amazon.
         com%2Fimages%2FI%2F61Y30DpqRVL._AC_UF1000%2C1000_QL80_.jpg&tbnid=g66CZjfRwFD3SM&
         vet=12ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ..i&imgrefurl=https%3A%2F%2Fwww.amazon.
         com%2FApple-MacBook-16-inch-10%25E2%2580%2591core-32%25E2%2580%2591core%2Fdp%2FB09JQP37K3&
         docid=v-ce4mxv5icqTM&w=1000&h=612&q=mac%20book%20pro&
         ved=2ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ"
9  }
```

Body   Cookies (1)   Headers (11)   Test Results   200 OK   31 ms   1.22 KB   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

```
1  {
2    "success": true,
3    "data": {
4        "_id": "648b26beb4723c7916484515",
5        "title": "Mac book Pro M2",
6        "category": "648b1fa56758b08beac9a9fb",
7        "item": "648b2364b4723c791648450b",
8        "user": "648b1a936758b08beac9a9ee",
9        "imageUrl": "https://www.google.com/imgres?imgurl=https%3A%2F%2Fm.media-amazon.
             com%2Fimages%2FI%2F61Y30DpqRVL._AC_UF1000%2C1000_QL80_.jpg&tbnid=g66CZjfRwFD3SM&
             vet=12ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ..i&imgrefurl=https%3A%2F%2Fwww.amazon.
             com%2FApple-MacBook-16-inch-10%25E2%2580%2591core-32%25E2%2580%2591core%2Fdp%2FB09JQP37K3&
             docid=v-ce4mxv5icqTM&w=1000&h=612&q=mac%20book%20pro&
             ved=2ahUKEwi3mJ6vxMX_AhXf3XMBHYubAcYQMygLegUIARD7AQ",
10       "desc": "Not for sell",
11       "createdAt": "2023-06-15T14:57:02.606Z",
12       "updatedAt": "2023-06-15T15:01:14.046Z",
13       "__v": 0
14   }
15 }
```

-Delete product

http://localhost:3001/product/delete/648b26beb4723c7916484515

POST   http://localhost:3001/product/delete/648b26beb4723c7916484515   Send

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings   Cookies

none   form-data   x-www-form-urlencoded   raw   binary   GraphQL   JSON ∨   Beautify

```
1  {
2    "id": "648b26beb4723c7916484515",
3    "title": "Mac book Pro M2",
```

Body   Cookies (1)   Headers (11)   Test Results   200 OK   24 ms   569 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

```
1  {
2    "success": true,
3    "data": {
4        "acknowledged": true,
5        "deletedCount": 1
6    }
7  }
```

EX2

លេខមួយ .com

- **pc**
  - asaDELL
- **monitor**
  - msi
  - msi22

Dell G5

RoG DELL