Institute of Technology of Cambodia

Département de Génie Informatique et Communication

Department of Information and Communication Engineering

Professeur	:	HOK TIN
Subject	:	Internet Programming
Assigment	:	TP12 - CRUD APIs, Mongoose, Admin Dashboard
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YEAR	:	**2023-2024**

Contents

Git URL : https://github.com/thuenaratt/TP12

TP12.1: Express JS
Create an API for product prices

HTTP API12 / price / **create**

POST ▽ | http://localhost:3001/price/create

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

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

```
1  {
2      "product":"649953b91bd0f465a8c99737",
3      "price":"3000",
4      "source":"ram12"
5  }
```

Body   Cookies (1)   Headers (11)   Test Results

Pretty   Raw   Preview   Visualize   JSON ▽

```
1   {
2       "success": true,
3       "data": {
4           "product": "649953b91bd0f465a8c99737",
5           "price": 3000,
6           "source": "ram12",
7           "_id": "649994e90f8ba0fedf85aec2",
8           "createdAt": "2023-06-26T13:38:49.398Z",
9           "updatedAt": "2023-06-26T13:38:49.398Z",
10          "__v": 0
11      }
12  }
```

GET ⌄ http://localhost:3001/price/all

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

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

```
1  {
2  ····"price":"3000"
3  }
```

Body   Cookies (1)   Headers (11)   Test Results

Pretty   Raw   Preview   Visualize   JSON ⌄   ⇄

```
1  {
2      "success": true,
3      "data": [
4          {
5              "_id": "64997773ca2dd2b88a72ca0a",
6              "product": "64995e2ce4b5b4f102f708e0",
7              "price": 40041,
8              "source": "ram24",
9              "createdAt": "2023-06-26T11:33:07.354Z",
10             "updatedAt": "2023-06-26T11:33:07.354Z",
11             "__v": 0
12         },
13         {
14             "_id": "649977d7ca2dd2b88a72ca0c",
15             "product": "649953b91bd0f465a8c99737",
16             "price": 3000,
17             "source": "ram12",
18             "createdAt": "2023-06-26T11:34:47.806Z",
19             "updatedAt": "2023-06-26T11:34:47.806Z",
20             "__v": 0
21         },
```

HTTP   API12 / price / id

GET ∨   http://localhost:3001/price/64997773ca2dd2b88a72ca0a

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

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

1

Body   Cookies (1)   Headers (11)   Test Results

Pretty   Raw   Preview   Visualize   JSON ∨

```json
1  {
2      "success": true,
3      "data": {
4          "_id": "64997773ca2dd2b88a72ca0a",
5          "product": "64995e2ce4b5b4f102f708e0",
6          "price": 40041,
7          "source": "ram24",
8          "createdAt": "2023-06-26T11:33:07.354Z",
9          "updatedAt": "2023-06-26T11:33:07.354Z",
10         "__v": 0
11     }
12 }
```

POST ∨   http://localhost:3001/price/update

Params   Authorization   Headers (10)   Body ●   Pre-request Script   Tests   Settings

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

```json
1  {
2      "id": "649837a3499afbdaa5c2bb9f",
3      "product": "64983597870dd5005fb815b2",
4      "price": 3.65,
5      "source": "Anchor Beer"
6  }
```

Body   Cookies (1)   Headers (11)   Test Results

Pretty   Raw   Preview   Visualize   JSON ∨

```json
1  {
2      "success": true,
3      "data": {
4          "_id": "649837a3499afbdaa5c2bb9f",
5          "product": "64983597870dd5005fb815b2",
6          "price": 3.65,
7          "source": "Anchor Beer",
8          "createdAt": "2023-06-25T12:48:35.672Z",
9          "updatedAt": "2023-06-25T13:14:44.741Z",
10         "__v": 0
11     }
12 }
```

POST ∨ http://localhost:3001/price/delete/64983597870dd5005fb815b2

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

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

```json
1  {
2      "id":"6498389a33dc74152cef9018",
3      "product":"649838461c5cfc1bb540473b",
4      "price": "2.25",
5      "source": "Jinro"
6  }
```

Body   Cookies (1)   Headers (11)   Test Results

Pretty   Raw   Preview   Visualize   JSON ∨

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

TP12.2: Vue JS

Design a basic admin dashboard to manage a dynamic website.

New Category   ×

Category name : | TV |

                                          Cancel   Save