**List of resources**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Resource path** | **POST** | **GET** | **PUT** | **DELETE** |
| /products |  | Get most important information about all products that are offered. |  |  |
| /:id(\\d+)/ |  | Get all details about a specific product. |  |  |
| /categories |  | Get product categories that exist. |  |  |
| /prodcat/:id |  | Get most important information about products for a specific category. |  |  |
| /login | Post the userId and password, then verify by server and if information is right, then get a token send back from the server side |  |  |  |
| /register | Post the user information and find if the user registered, if not then register it and return the token. |  |  |  |
| /user |  | Get the user information |  |  |
| /cart |  |  | Create the cart if not exist |  |
| /products | Add the product to the cart by using productid and productNumber |  |  |  |
| /cart |  | Get the information about user’s cart |  |  |
| /cart | Update the whole cart |  |  |  |
| /products/:id |  |  |  | Delete the product from user’s cart |
| /cart |  |  |  | Delete user’s cart |

**Path: /products**

**Method: GET**

**Summary:** Get most important information about all products that are offered.

**URL Params:** -

**Body:** Customer JSON data

For example: [{ "productId": 1, "productName": "Matcha Bubbletea", "price": 34.99, "description": "Match Bubbletea is perfect for crunch time. Its loaded with antioxidants and sugar. It comes with sweet matcha jelly, tea mixture and red beans", "category": "drinks" }, … ]

**Success Response:**

**Code:** -  
Body Content: -

**Error Response:**

**Code:** -  
Body Content: -

**Sample Call:**

let response = await fetch('/products,

{ method: 'GET',

headers: {'Content-Type': 'application/json;charset=utf-8'},

});

**Path: /:id(\\d+)/**

**Method: GET**

**Summary:** Get all details about a specific product.

**URL Params:**

Id(\\d+): number, required in path

**Body:** Customer JSON data

For example: { "productId": 1, "productName": "Matcha Bubbletea", "price": 34.99, "description": "Match Bubbletea is perfect for crunch time. Its loaded with antioxidants and sugar. It comes with sweet matcha jelly, tea mixture and red beans", "category": "drinks" }

**Success Response:**

**Code:** -  
Body Content: -

**Error Response:**

**Code:** -  
Body Content: -

**Sample Call:**

let id = 4

let response = await fetch(´/:id(\\d+)/´,

{ method: 'GET',

headers: {'Content-Type': 'application/json;charset=utf-8'},

});

**Path: /categories**

**Method: GET**

**Summary:** Get product categories that exist.

**URL Params:** -

**Body:** Customer JSON data

For example: {"drinks", "snacks", "meals"}

**Success Response:**

**Code:** -  
Body Content: -

**Error Response:**

**Code:** -  
Body Content: -

**Sample Call:**

let response = await fetch('/categories,

{ method: 'GET',

headers: {'Content-Type': 'application/json;charset=utf-8'},

});

**Path: /prodcat/:id**

**Method: GET**

**Summary:** Get most important information about products for a specific category.

**URL Params:**

id: number, required in path

**Body:** Customer JSON data

For example: [{ "productId": 1, "productName": "Matcha Bubbletea", "price": 34.99, "description": "Match Bubbletea is perfect for crunch time. Its loaded with antioxidants and sugar. It comes with sweet matcha jelly, tea mixture and red beans", "category": "drinks" }…]

**Success Response:**

**Code:** -  
Body Content: -

**Error Response:**

**Code:** -  
Body Content: -

**Sample Call:**

let response = await fetch('/prodcat/:id,

{ method: 'GET',

headers: {'Content-Type': 'application/json;charset=utf-8'},

});