

Item API

addItem

method: POST

<https://iywc8m9fti.execute-api.us-east-1.amazonaws.com/addItem>

Description:

add an item to Database

Example Input JSON:

```
{
  "SKU": "2M72A9A1232M",
  "description": "This is an orange",
  "product_detail": "This is a detailed version of description",
  "price": "8.99",
  "product_name": "Orange",
  "image_url": "http://"
}
```

Expected Response (Status=200): a String

"Item Added Successfully"

setDisplayItems

method: POST

<https://iywc8m9fti.execute-api.us-east-1.amazonaws.com/setDisplayItems>

Description:

create a list of items to display on the website
category is the label or tag of current items list

Example Input JSON:

```
{
  "category": "fruit",
  "items_to_display": [
```

```
    "1M72A3B1232M",  
    "2M72A9A1232M "  
  ]  
}
```

Expected Response (Status=200): a String

:
"Display Items Saved in Dynamo Successfully!"

getDisplayItems

Method: POST

<https://iywc8m9fti.execute-api.us-east-1.amazonaws.com/getDisplayItems>

Description:

return a list of items from database according to pre-defined category

Example Input JSON:

```
{  
  "category": "fruit"  
}
```

Example Response: a list in String format

```
[{"product_detail": "This is a detailed version of description", "product_name": "Apple",  
"description": "This is an apple", "image_url": "http://", "price": "28.99", "SKU":  
"1M72A3B1232M"}, {"product_detail": "This is a detailed version of description",  
"product_name": "Orange", "description": "This is an orange", "image_url": "http://", "price":  
"8.99", "SKU": "2M72A9A1232M"}]
```

List[0]["SKU"] = "1M72A3B1232M"

Order API

createOrder

Method: POST

<https://9sczce8nsh.execute-api.us-east-1.amazonaws.com/createOrder>

Description:

save the details of order to database

Example Input JSON:

```
{
  "user_id": "0a73c26d-8daa-4095-a014-ca19e2c0ff6f",
  "status": "Received",
  "amount": "88.88",
  "checkout_list": [
    {
      "SKU": "1M72A3B1232M",
      "Quantity": "2"
    },
    {
      "SKU": "2M72A9A1232M",
      "Quantity": "4"
    }
  ]
}
```

Expected Response (Status=200): a String indicate success

getUserOrders

Method: POST

<https://9sczce8nsh.execute-api.us-east-1.amazonaws.com/getUserOrders>

Description:

get all the orders made by the current user

Example Input JSON:

```
{  
  "user_id": "0a73c26d-8daa-4095-a014-ca19e2c0ff6f"  
}
```

Example Response:

```
[{"amount": "88.88", "user_id": "0a73c26d-8daa-4095-a014-ca19e2c0ff6f", "order_id":  
'269587c1-e6f6-4820-8921-ef524e09079c', "checkout_list": [{"SKU": "1M72A3B1232M",  
'Quantity': '1'}, {"SKU": "2M72A9A1232M", 'Quantity': '3'}], 'status': 'Received'}, {"amount": '88.88',  
'user_id': '0a73c26d-8daa-4095-a014-ca19e2c0ff6f', 'order_id': '268ac9c6-0cb4-43df-8080-  
01438c408cb9', "checkout_list": [{"SKU": "1M72A3B1232M", "Quantity": "2"}, {"SKU":  
2M72A9A1232M', 'Quantity': '4'}], 'status': 'Received'}]
```

SNS API

SNSpublish

method: POST

<https://euxnk1oay8.execute-api.us-east-1.amazonaws.com/SNSpublish>

Description: Publish a SNS message to subscriber

Example input: (Format could be json or string)

```
{ "subject": "Your order is completed", "message": "The detail is..." }
```

Expected output: Success

subscribe

method: POST

<https://5gdy7wz14b.execute-api.us-east-1.amazonaws.com/SNSsubscribe>

Description: Apply a email address to be the subscriber.

Example input: (Format could be json or string)

```
{ "Email": "848080960@qq.com" }
```

Expected output: Success