

# API [GET]GetAllItems

## Description

Get all product starbuck items

## Base URL

The base URL for all API requests is:

<http://localhost:8080/itemdatas>

## Endpoints

GET /

## Response

Returns a JSON object with the following properties:

- An array of items, each with the following properties:
  - **ID**: The unique identifier of the item.
  - **Name**: The name of the item.
  - **Price**: The price of the item.
  - **Quantity**: The quantity of the item in stock.

## Example

Request:

GET /

Response:

```
[
  {
    "ID": 1,
    "Name": "Starbucks® Single-Origin Sun-Dried Brazil Carmo De Minas",
    "Price": 750,
    "Quantity": 20
  },
  {
    "ID": 2,
    "Name": "Starbucks Reserve™ Colombia Narino Granos De Esperanza™",
    "Price": 850,
    "Quantity": 30
  },
  {
    "ID": 3,
    "Name": "Starbucks® Single-Origin Papua New Guinea Highlands",
    "Price": 750,
    "Quantity": 40
  },
]
```

# API [GET]GetItemsDetailById

## Description

Get items detail from itemId

## Base URL

The base URL for all API requests is:

<http://localhost:8080/itemdatas>

## Endpoints

**GET** `/ {id}`

## Response

Returns a JSON object with the following properties:

- Is object of item
  - **ID**: The unique identifier of the item.
  - **Name**: The name of the item.
  - **Price**: The price of the item.
  - **Detail**: The detail of the item.
  - **Category**: The category of the item.
  - **Acidity**: The level of acidity.
  - **Body**: The level of body .
  - **Processing\_Method**: The processing method of the item.
  - **Tasting\_Notes**: The tasting notes of the item.
  - **Complementary\_Flavors**: The complementary flavors of the item.
  - **Region**: The region of the item.

## Example

Request:

**GET /1**

Response:

```
{
  "ID": 1,
  "Name": "Starbucks® Single-Origin Sun-Dried Brazil Carmo De Minas",
  "Detail": "Due to the unique geography and climate conditions of the southeastern region of carmo de minas, the most prominent processing method is sun-dried, which intrinsically carries the least amount of impact to the environment by using very little water. This coffee has a subtle acidity and a softer profile that highlights tropical fruits and sweet hazelnuts with a smooth caramelly texture that is best paired with caramel and chocolate.",
  "Category": "Whole Bean",
  "Acidity": 4,
  "Body": 4,
  "Processing_Method": "Natural",
  "Tasting_Notes": "Hazelnut, Dried fruit",
  "Complementary_Flavors": "Caramel, Chocolate",
  "Region": "Latin America",
  "Price": 750
}
```

# API [PATCH]OrderItem

## Description

Order the item by using id and quantity

## Base URL

The base URL for all API requests is:

<http://localhost:8080/itemdatas>

## Endpoints

**PATCH /order**

## Body

Request a JSON object with the following properties:

- Is object of item
  - **ID**: The unique identifier of the item.
  - **Quantity**: The quantity of the item want to buy.

## Response

Returns string of result

## Example Order success

Request:

```
{
  "id": 1,
  "quantity": 10
}
```

Response:

```
" Order Succes price 7500 "
```

## Example Items not enough

Request:

```
{  
  "id": 1,  
  "quantity": 101  
}
```

Response:

```
"This Item have 100 in stock"
```

## Example Out of items

Request:

```
{  
  "id": 1,  
  "quantity": 5  
}
```

Response:

```
"Out Of Item"
```