Get Last 12 Months Product Sales

Description:
Retrieves a JSON object containing product sales data for the last 12 months.

URL:
/salesdata

Method:
GET

Base URL Example:
http://93.171.128.238:53121/salesdata

Authentication:
No authentication required.

Headers:
{"Content-Type": "application/json"}

Request Parameters:
None (No query/path parameters or request body required).

Success Response

Code:
200 OK

Body:
The response body contains the following fields:

- **status**:
    - "Success" – when the app successfully fetches the data.
    - "Error" – if an error has occurred on the server.
- **message**:
    - "Successfully got the data" – when the server successfully retrieves the data.

- ○ "Failed to fetch data + {error message}" – when an error occurs while the server tries to fetch the data.
- **data**: An array of objects, where each object represents all sales data for a specific month (e.g., January is the first month, December is the latest month).
  - ○ **id**: Item ID – it must be unique.
  - ○ **name**: Name of the product.
  - ○ **quantity**: The amount that has been sold this month.

```
1  {
2    "status": "success",
3    "data": {
4      "january": [
5        {
6          "id": "1",
7          "name": "Laptop",
8          "quantity": 100
9        },
10       {
11         "id": "2",
12         "name": "TV",
13         "quantity": 200
14       }
15     ],
16     "february": [
17       {
18         "id": "1",
19         "name": "Laptop",
20         "quantity": 100
21       },
22       {
23         "id": "2",
24         "name": "TV",
25         "quantity": 200
26       }
27     ]
28   }
29 }
```
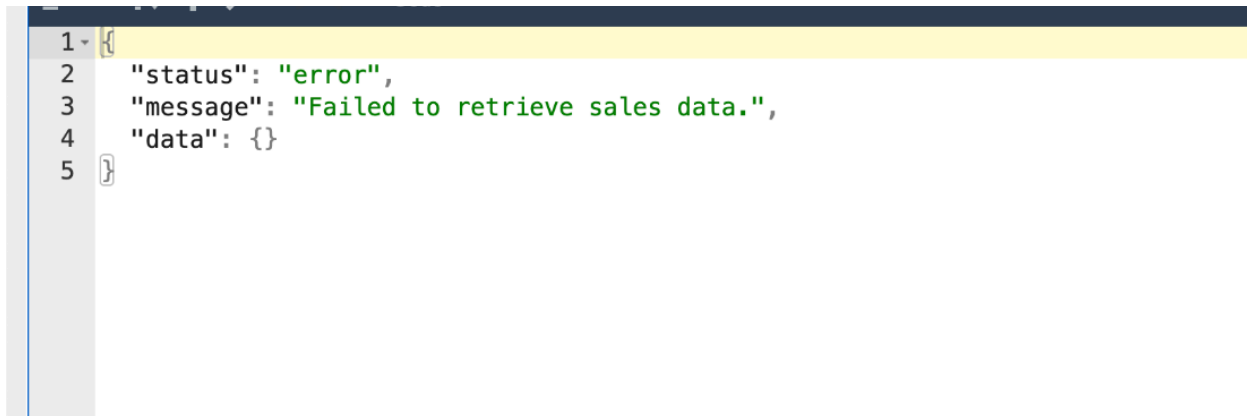
Error Responses

Code:

500 Internal Server Error

Body:

```
{
  "status": "error",
  "message": "Failed to retrieve sales data.",
  "data": {}
}
```

```
1  {
2    "status": "error",
3    "message": "Failed to retrieve sales data.",
4    "data": {}
5  }
```

Validation Rules

1. All 12 months must be included in the response.
2. Each product must have a unique `id`.
3. `quantity` must be a non-negative integer.