

Get Specific Month Sales Data

Description:

Retrieves sales data for all products in a specific month and year.

URL:

`/salesdatafor?month={month}&year={year}`

Method:

GET

Base URL Example:

<http://93.171.128.238:53121/salesdatafor?month={month}&year={year}>

Authentication:

No authentication required.

Headers:

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

Request Parameters:

The request must include two string parameters:

month: Name of the month (case-insensitive).

year: The year (as a string).

Example Request:

To fetch sales data for February 2023:

GET /salesdata/?month=february&year=2023

Success Response

Code:

200 OK

Body:

The response body contains the following fields:

- **status**: "Success"
- **message**: "Successfully got the data for {month}"
- **data**: An array of objects, where each object represents sales data for the specified 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     {  
5       "id": "1",  
6       "name": "Laptop",  
7       "quantity": 100  
8     },  
9     {  
10      "id": "2",  
11      "name": "TV",  
12      "quantity": 200  
13    },  
14    {  
15      "id": "3",  
16      "name": "keybord",  
17      "quantity": 100  
18    },  
19    {  
20      "id": "4",  
21      "name": "mouse",  
22      "quantity": 200  
23    }  
24  ]  
25 }
```

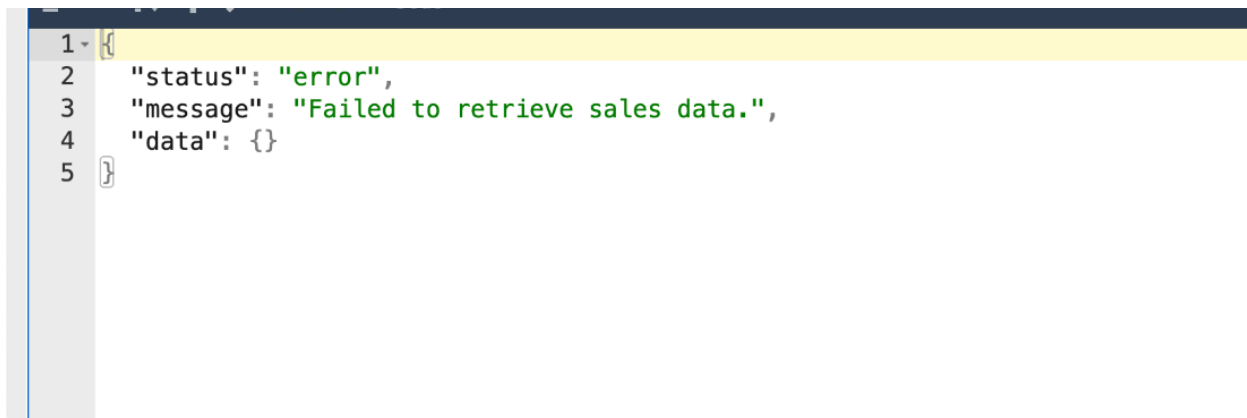
Error Responses

Code:

500 Internal Server Error

Body:

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



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.