# Inventory System (v1)

Download OpenAPI specification: Download

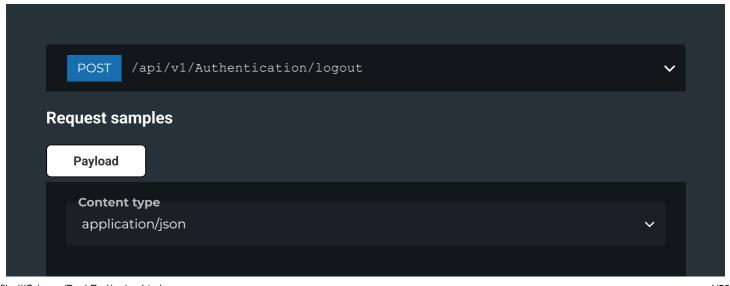
# Authentication

# /api/v1/Authentication/logout



#### Responses

> 200 Success



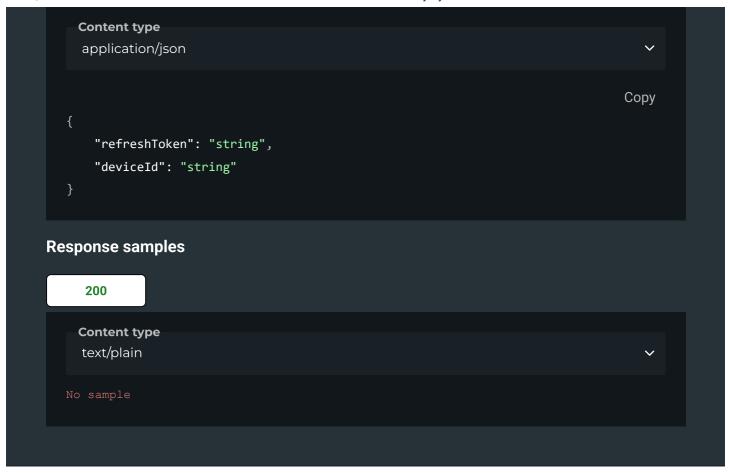
# /api/v1/Authentication/refresh-access



## Responses

> 200 Success



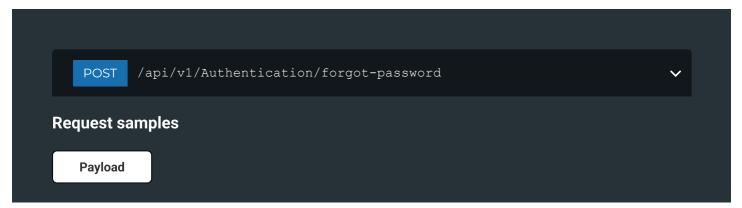


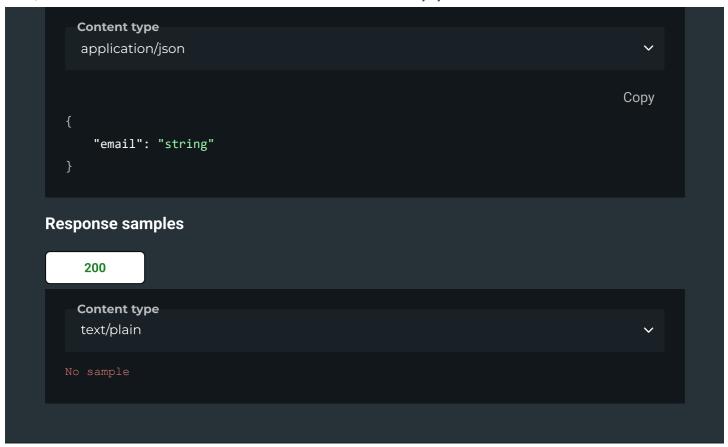
# /api/v1/Authentication/forgot-password



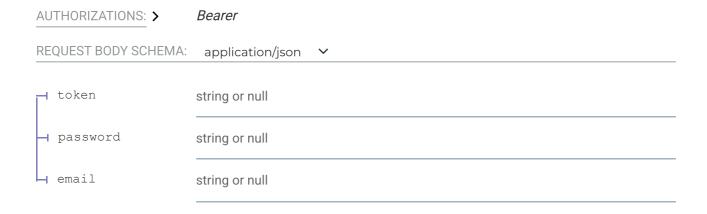
## Responses

> 200 Success





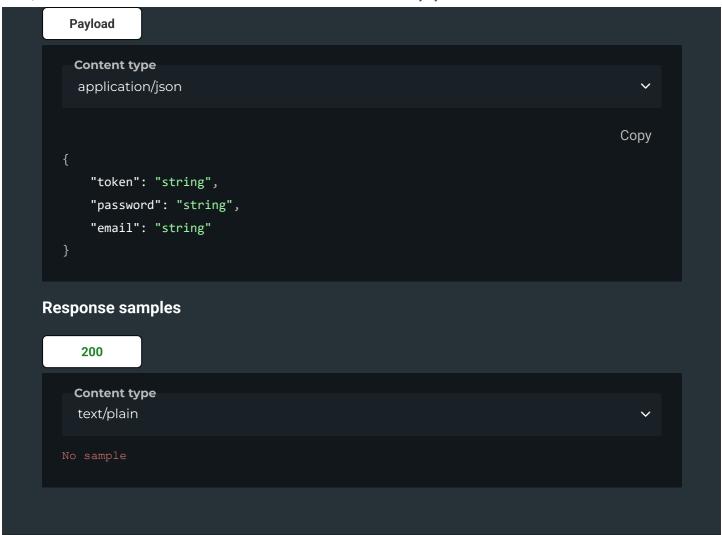
# /api/v1/Authentication/reset-password



## Responses

> 200 Success



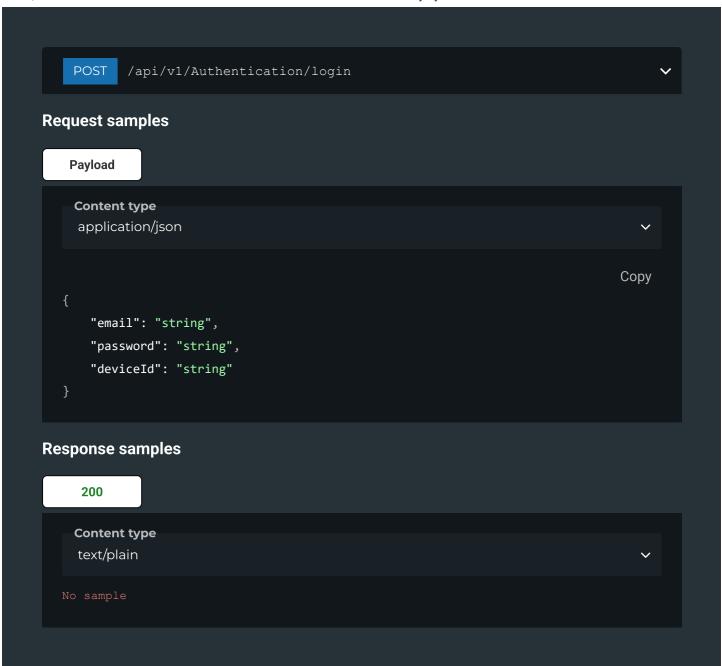


Logs in a user and returns a JWT and refresh token.



#### Responses

```
> 200 Success
```



# Categories

# Creates a new product category.

Only Admin and Manager roles can access this endpoint.

```
AUTHORIZATIONS: > Bearer

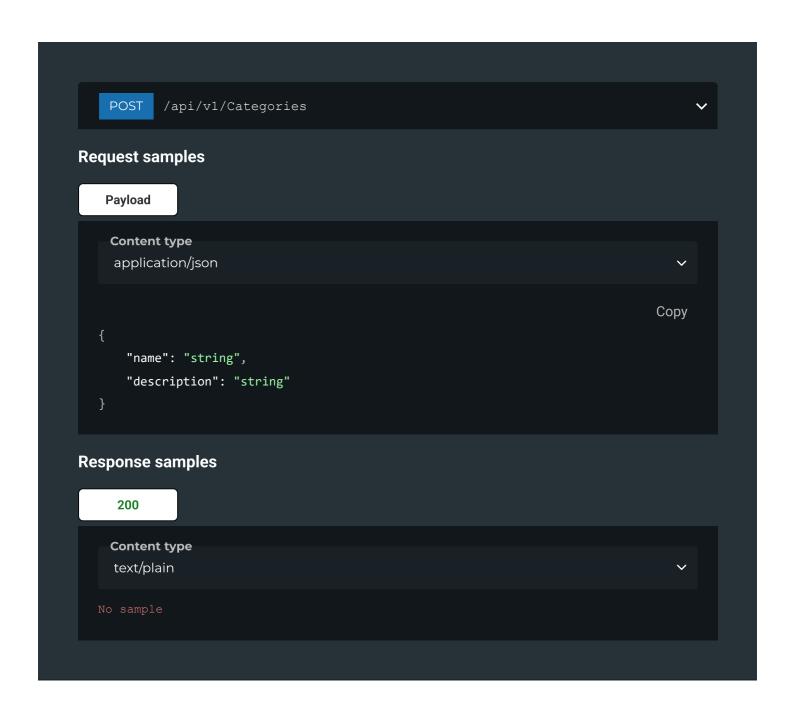
REQUEST BODY SCHEMA: application/json \(\forall \)
```

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```
name string or null
description string or null
```

## Responses

> 200 Success

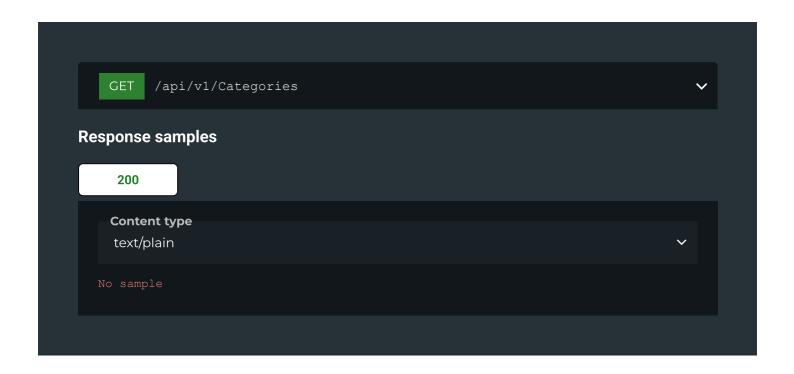


Gets a list of categories with optional name filtering.

Accessible by Admin and Manager.

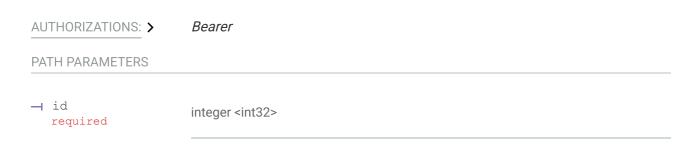


> 200 Success



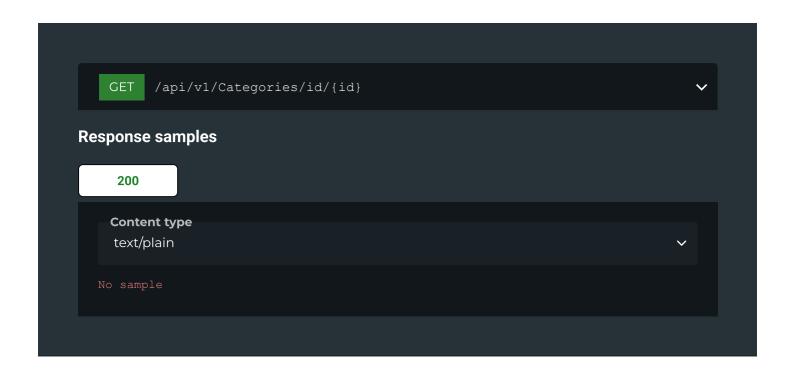
# Gets details of a category by its ID.

Accessible by Admin and Manager.



# Responses

> 200 Success



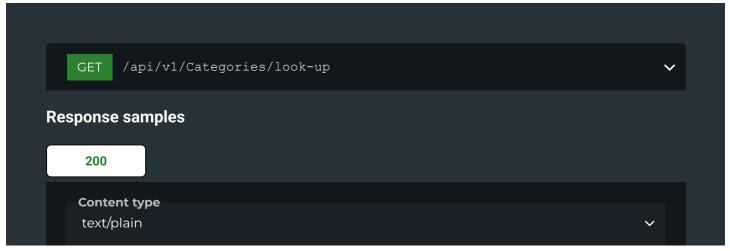
# Gets a lightweight list of categories for dropdowns/lookups.

Accessible by all roles (Admin, Manager, Sales, Warehouse).

AUTHORIZATIONS: > Bearer

## Responses

> 200 Success



```
No sample
```

# Updates a category by its ID.

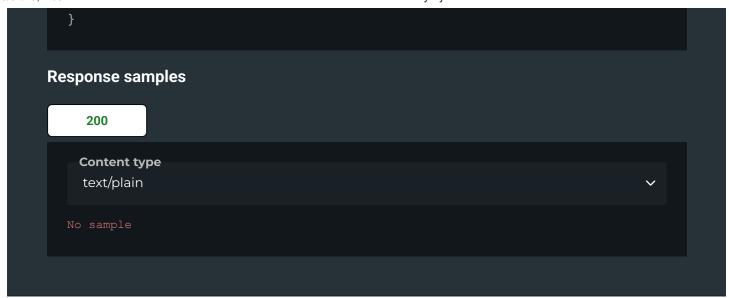
Only Admin and Manager roles can access this endpoint.



## Responses

> 200 Success





# Deletes a category by its ID.

Only Admins can delete categories.



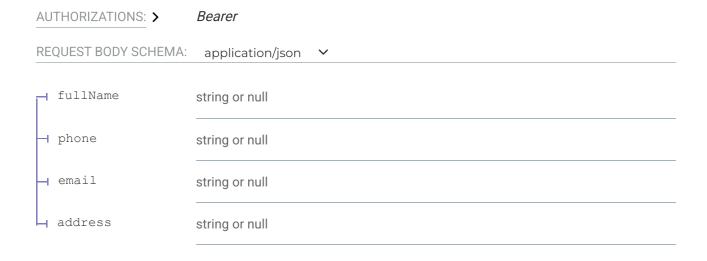
## Responses

— 200 Success



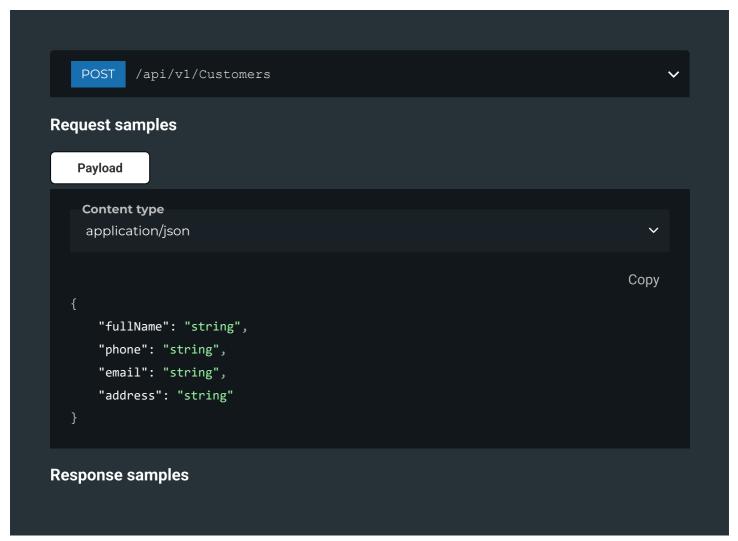
# Customers

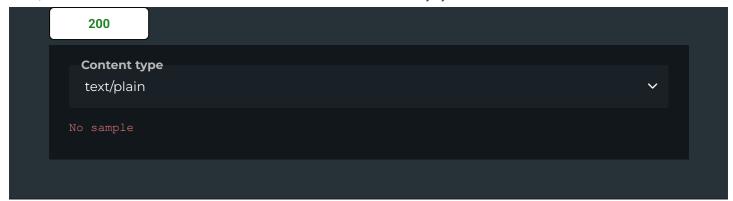
#### Creates a new customer.



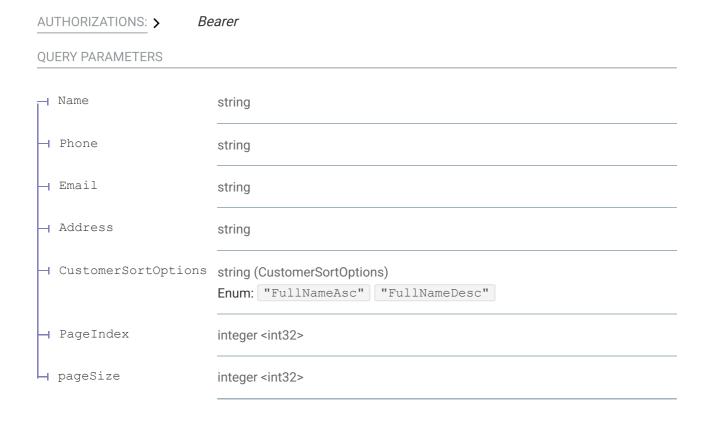
## Responses

```
> 200 Success
```





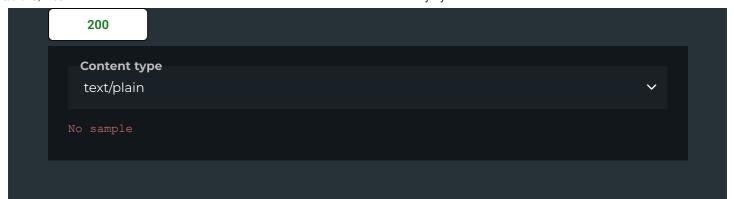
Returns a paginated list of all customers with optional filters.



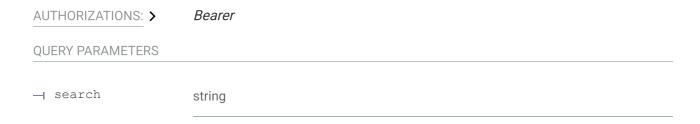
## Responses

> 200 Success



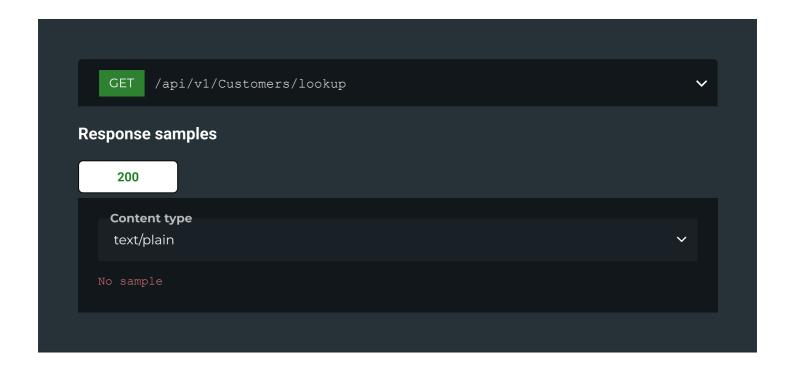


# Returns a lookup list of customers by search term.



## Responses

> 200 Success



# Dashboard

Retrieves the admin dashboard data, including key business metrics.

Returns summarized information such as:

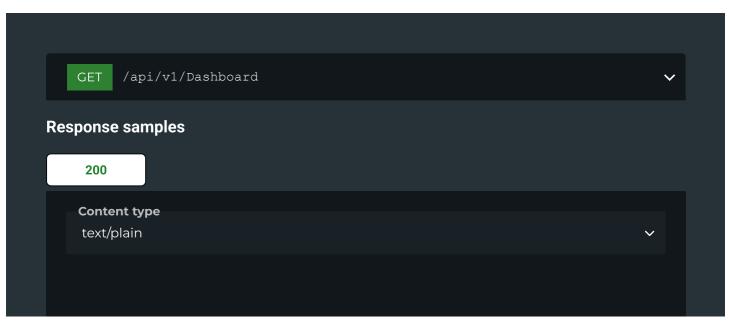
- · Total products
- · Total stock value
- · Customer and employee count
- Low stock items
- · Today's total sales
- · Recent sales invoices and purchase orders
- · Latest notifications

Accessible by Admin and Manager roles.

AUTHORIZATIONS: > Bearer

#### Responses

> 200 Success



No sample

# **Employees**

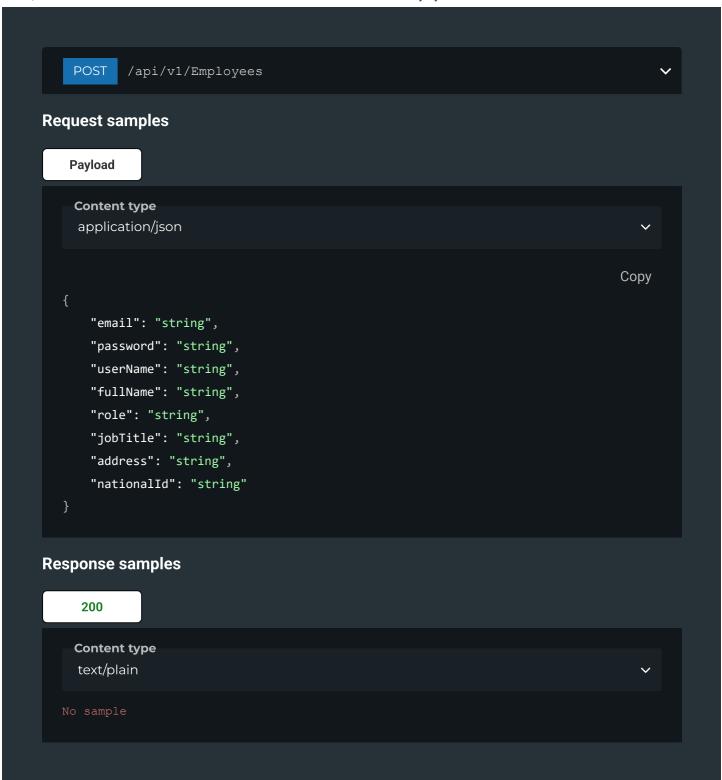
# Creates a new employee along with an identity user account.

Accessible only by Admins. Requires email, username, password, and role.

AUTHORIZATIONS: >	Bearer
REQUEST BODY SCHEMA:	application/json 🗸
— email	string or null
— password	string or null
— userName	string or null
⊢ fullName	string or null
⊣ role	string or null
⊣ jobTitle	string or null
— address	string or null
⊢ nationalId	string or null

# Responses

> 200 Success



Retrieves a paginated list of all employees with optional filters.

Only accessible by Admins.

AUTHORIZATIONS: > Bearer

QUERY PARAMETERS



```
> 200 Success
```



Updates an employee's personal and role information.

Only the logged-in user or Admin can perform this.

AUTHORIZATIONS: > Bearer

PATH PARAMETERS

```
required integer <int32>

REQUEST BODY SCHEMA: application/json 

fullName string or null

jobTitle string or null

address string or null

nationalId string or null
```

## Responses

> 200 Success

```
PUT /api/v1/Employees/{id}

Request samples

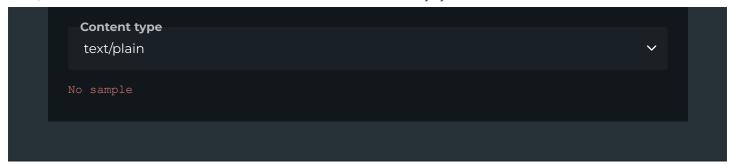
Payload

Content type
application/json 

Copy

{
    "fullName": "string",
    "jobTitle": "string",
    "address": "string",
    "nationalId": "string"
}

Response samples
```



# Changes the activation status (active/inactive) of a specific employee.

Only accessible by Admins.



## Responses

> 200 Success

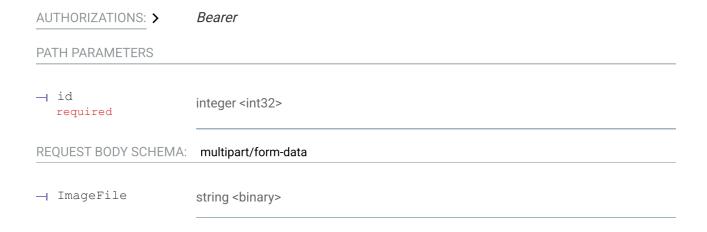


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No sample

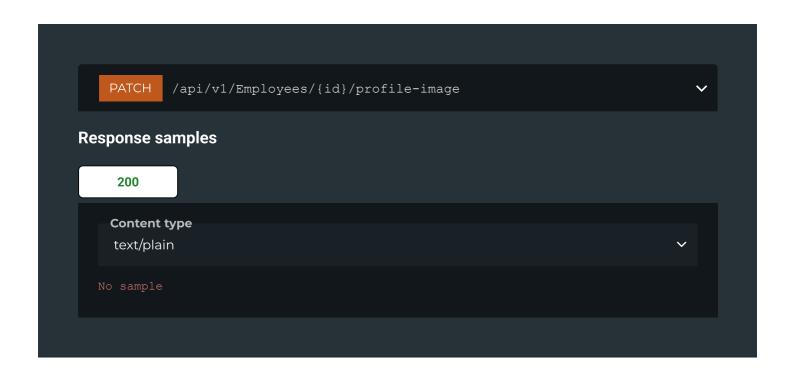
# Uploads or updates the profile image of an employee.

Accessible by the employee themselves or an Admin. This endpoint expects a multipart/form-data request.



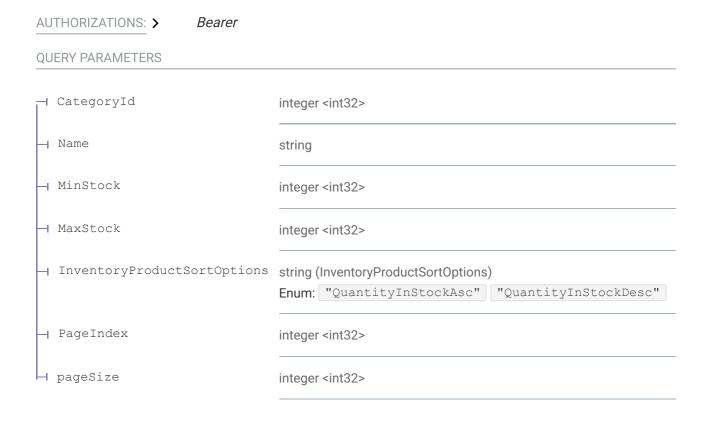
## Responses

> 200 Success



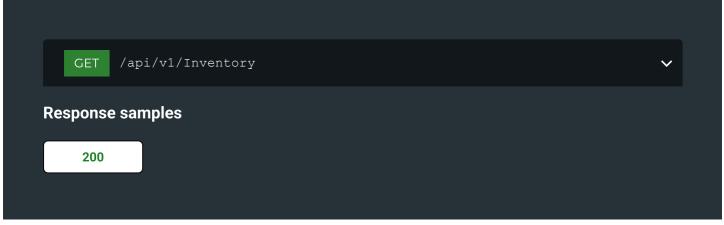
# Inventory

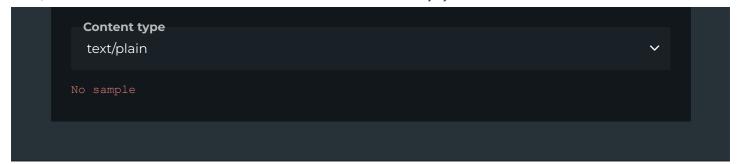
# View all current stock with optional filters and pagination



#### Responses

> 200 Success





Retrieves a detailed inventory value report including: - All products with stock, cost, and value - Total inventory value - Average cost price



## Responses

— 200 Success

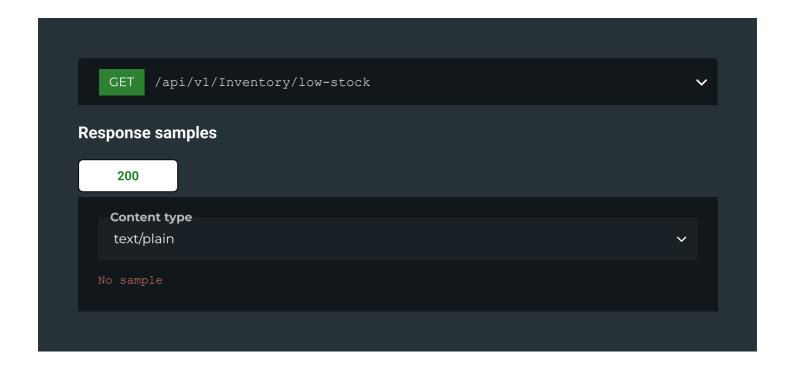


# /api/v1/Inventory/low-stock

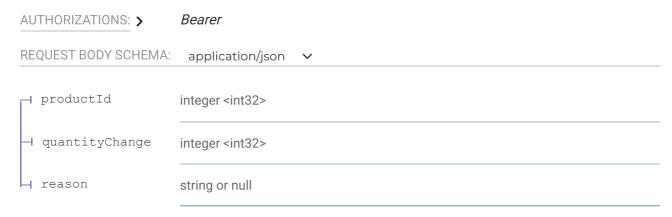




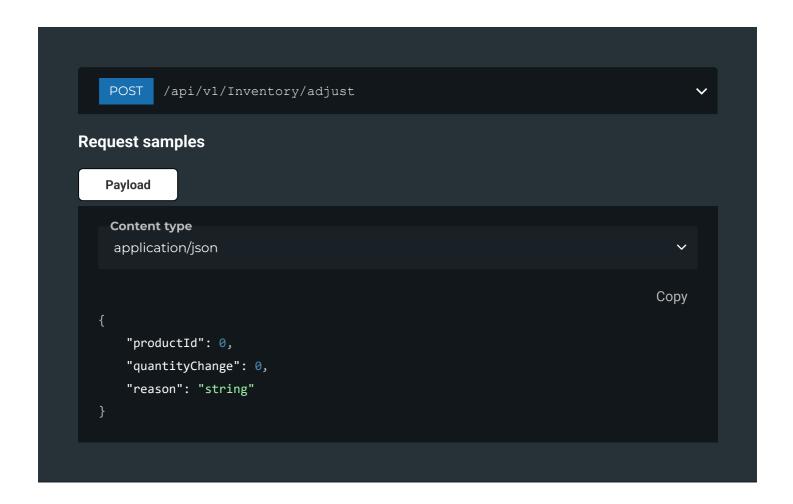
> 200 Success



Manually adjust product stock (e.g., damaged, audit correction)



- 200 Success



Get paginated stock adjustment logs with filters and sorting

```
QUERY PARAMETERS

Pagination.PageIndex integer <int32>

Pagination.pageSize integer <int32>

ProductId integer <int32>

AdjustedById integer <int32>

FromDate string <date-time>
```

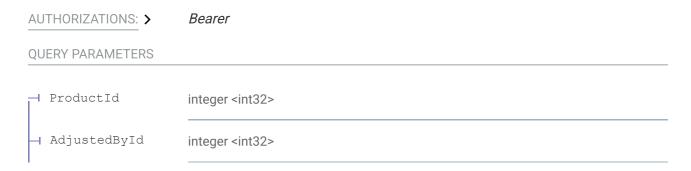
"QuantityDesc"

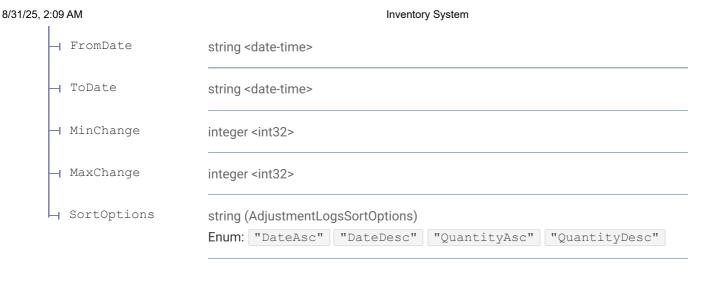
#### Responses

> 200 Success



Export stock adjustment logs as a PDF report with optional filters



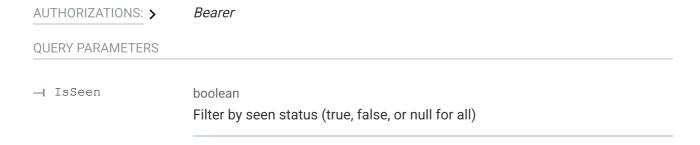


— 200 Success



# **Notifications**

Retrieves the authenticated user's notifications, with optional filter for seen/unseen.



> 200 Success

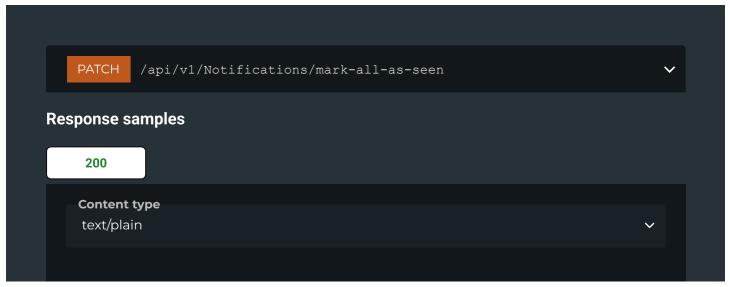


Marks all of the authenticated user's notifications as seen.

AUTHORIZATIONS: > Bearer

## Responses

> 200 Success





Gets the count of unseen notifications for the authenticated user.

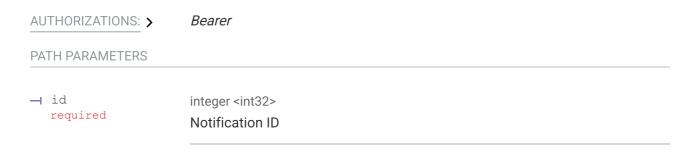
AUTHORIZATIONS: > Bearer

## Responses

> 200 Success



Marks a specific notification as seen for the authenticated user.

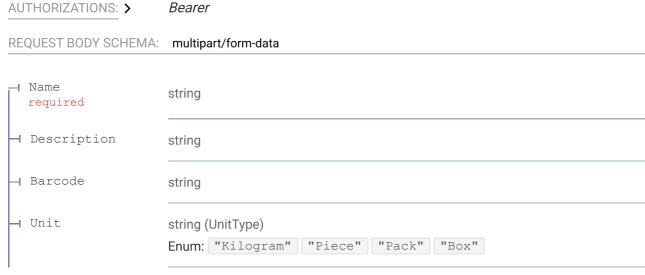


> 200 Success



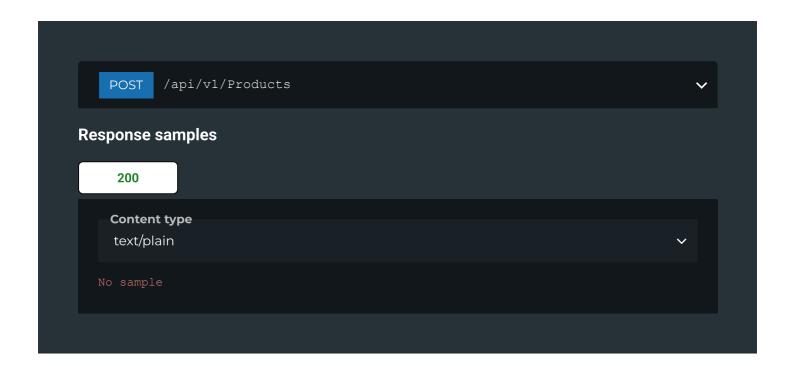
# **Products**

Creates a new product with image upload support. Only Admins and Managers are allowed.





> 200 Success



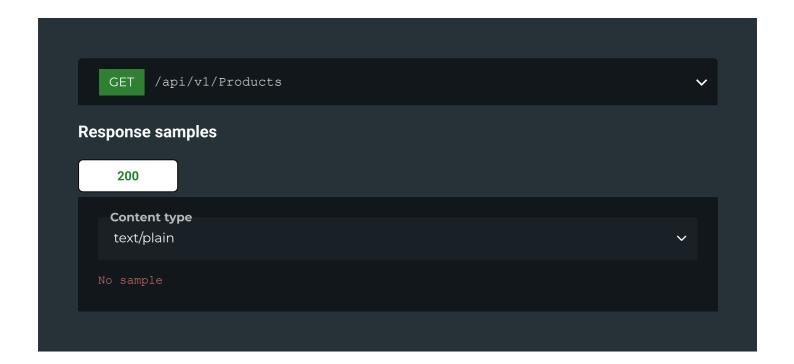
Retrieves all products with pagination and filtering support. Accessible by Admins, Managers, Salespersons, and WareHouse

AUTHORIZATIONS: > Bearer

QUERY PARAMETERS



```
> 200 Success
```



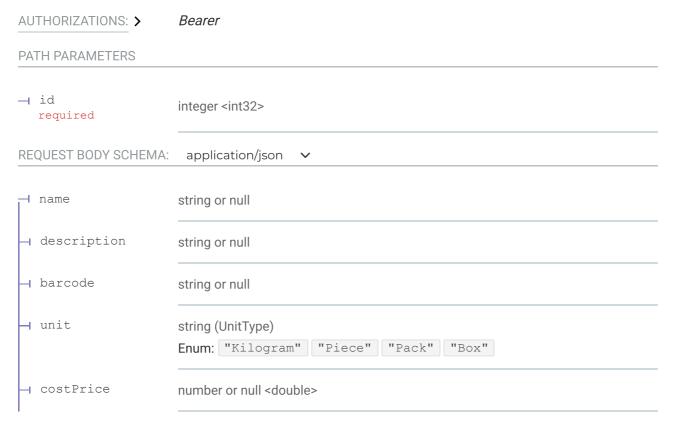
Retrieves data required for creating a product (e.g. categories, units).

AUTHORIZATIONS: > Bearer

> 200 Success

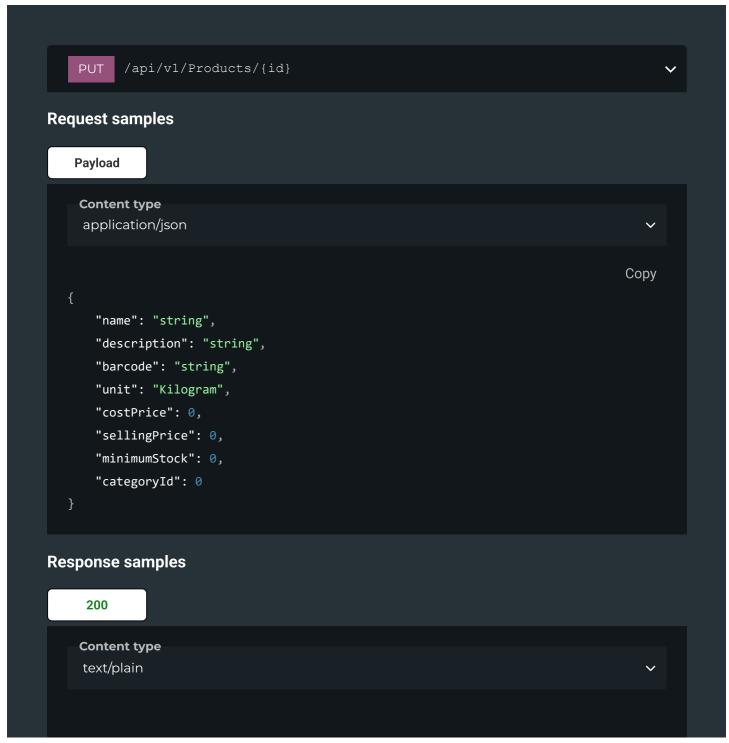


Updates an existing product. Only Admins and Managers are allowed.



```
number or null <double>
number or null <double>
number or null <int32>
categoryId integer or null <int32>
```

> 200 Success



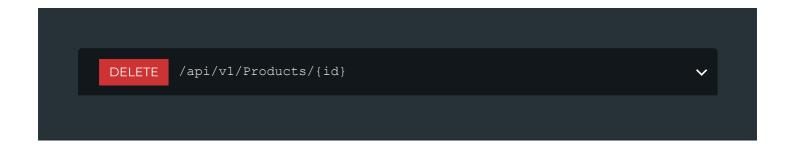
No sample

Soft deletes a product by its ID (marks as inactive). Only Admins are allowed.

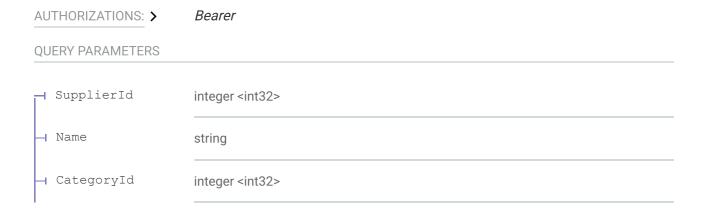


## Responses

- 200 Success

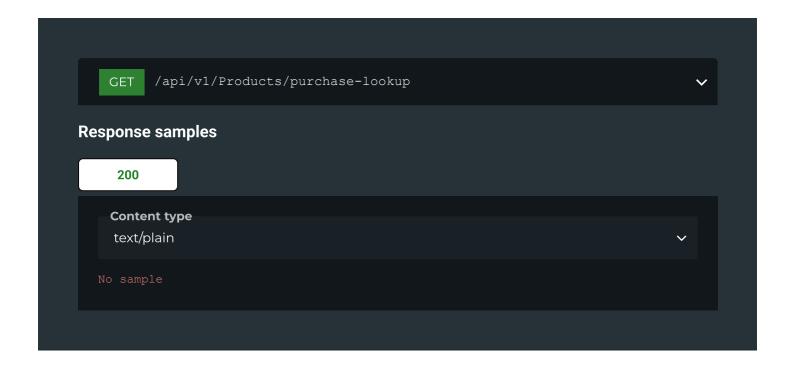


# /api/v1/Products/purchase-lookup





> 200 Success



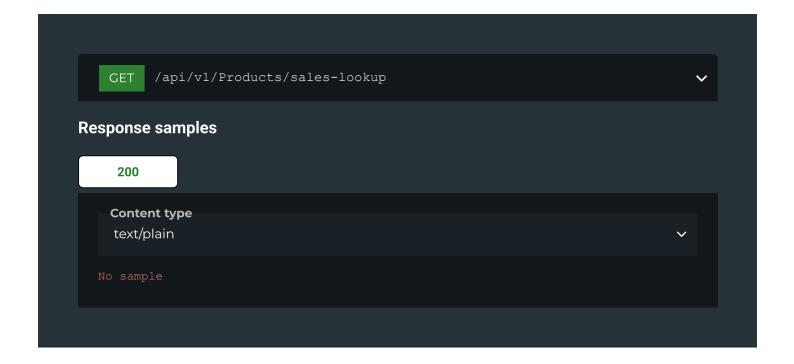
Returns a paginated list of products for sales order dropdowns. Accessible by Admins, Managers, and Salespersons.





### Responses

```
> 200 Success
```

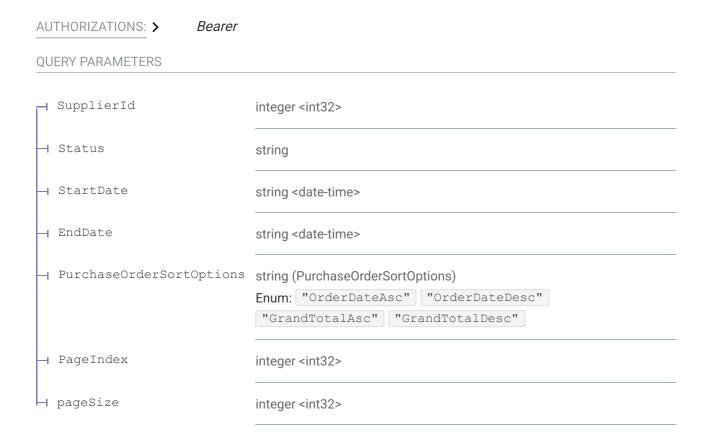


# PurchaseOrder

Get a paginated list of all purchase orders with filters (supplier, status, date, etc.) Accessible by Admins,

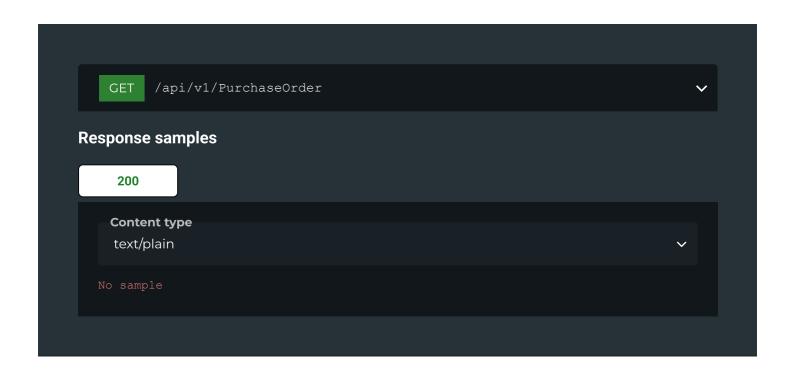
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# Managers, and Warehouse staff.



### Responses

> 200 Success



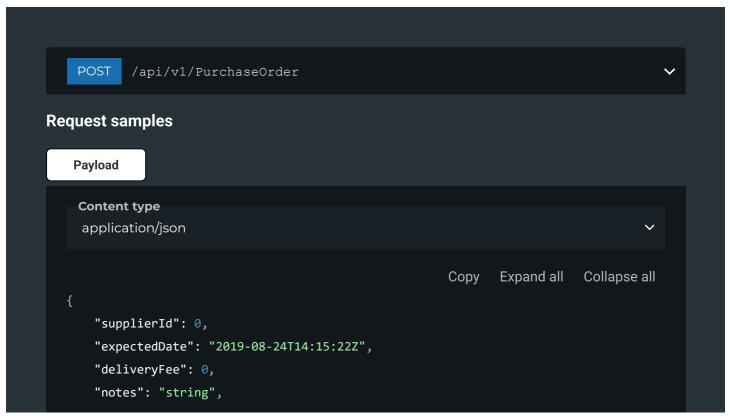
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+ Create a new purchase order. Only Admins can perform this action.

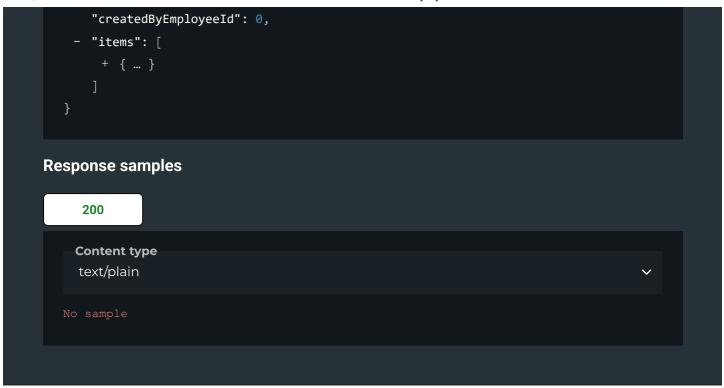
# AUTHORIZATIONS: > Bearer REQUEST BODY SCHEMA: application/json > I supplierId integer <int32> I expectedDate string or null <date-time> I deliveryFee number <double> I notes string or null <int32> I createdByEmployeeId integer or null <int32> I items > Array of objects or null (PurchaseOrderItemDto)

### Responses

```
> 200 Success
```



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Export a specific purchase order as a PDF document. Accessible by Admins, Managers, and Warehouse staff.



# Responses

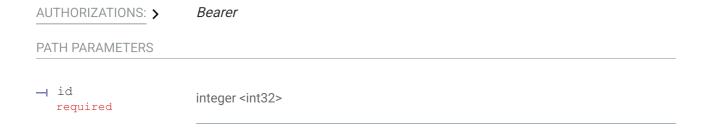
— 200 Success



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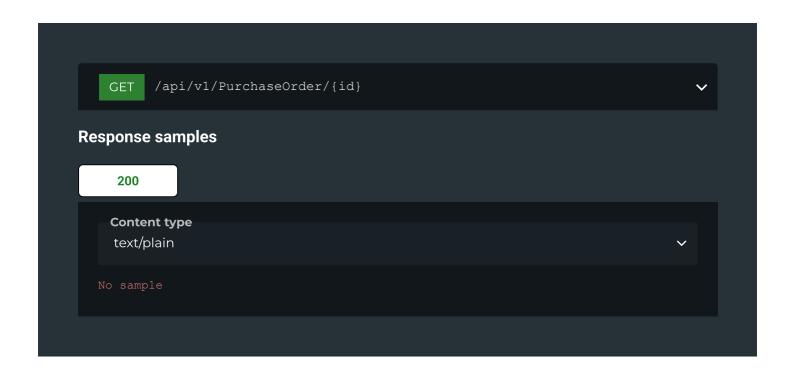
• Get full details of a specific purchase order by ID.

Accessible by Admins, Managers, and Warehouse staff.



### Responses

> 200 Success



X Cancel an existing purchase order. Accessible by Admins and Managers.



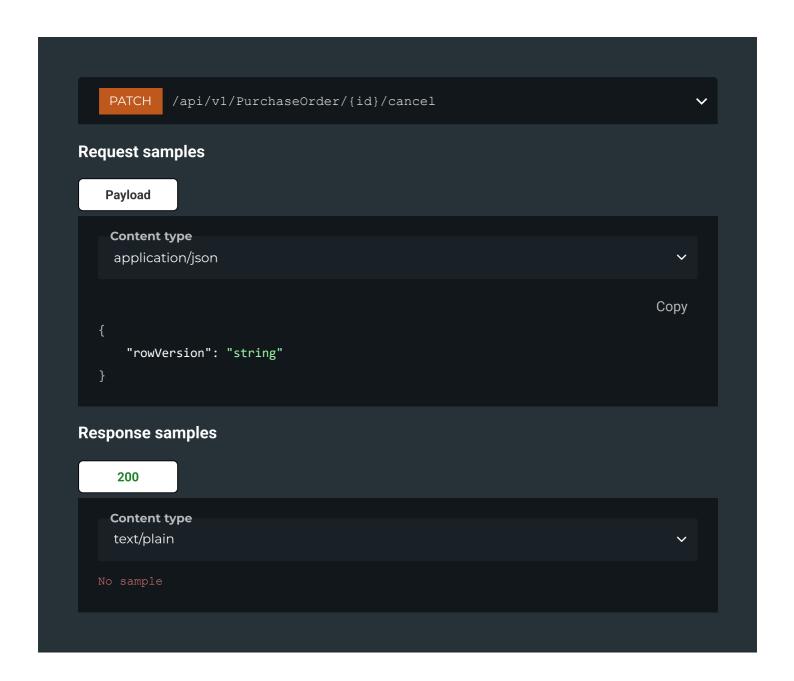
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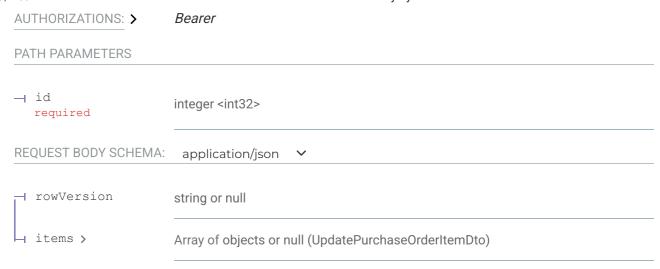
### Responses

> 200 Success



Update the received quantities of a purchase order. Only Warehouse staff are allowed to mark items as received.

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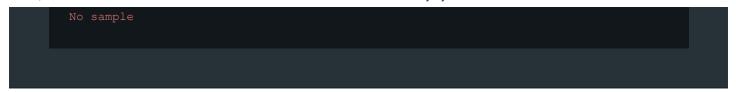


### Responses

> 200 Success

```
PATCH
             /api/v1/PurchaseOrder/{id}/receive
Request samples
   Payload
    Content type
    application/json
                                                                           Collapse all
                                                        Copy
                                                               Expand all
      "rowVersion": "string",
    - "items": [
Response samples
     200
    Content type
    text/plain
```

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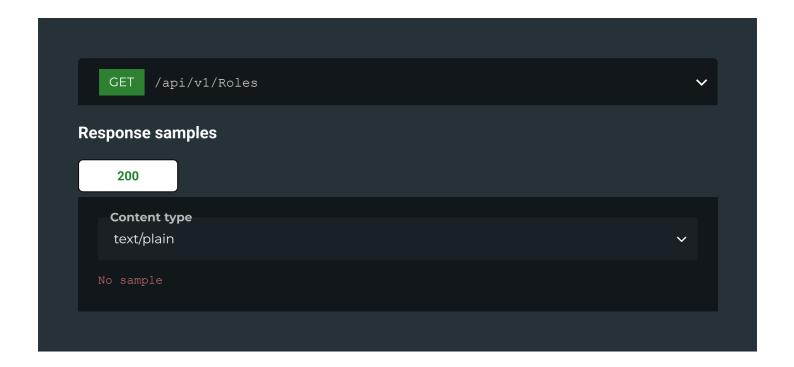
# Roles

# /api/v1/Roles

AUTHORIZATIONS: > Bearer

### Responses

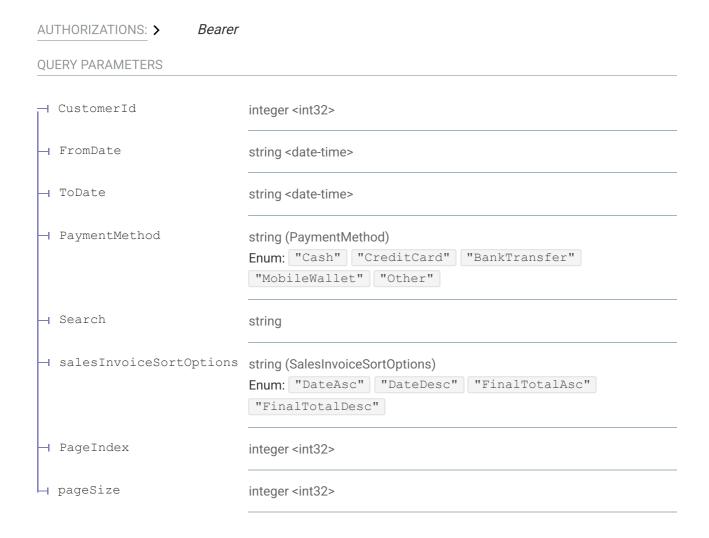
> 200 Success



# SalesInvoice

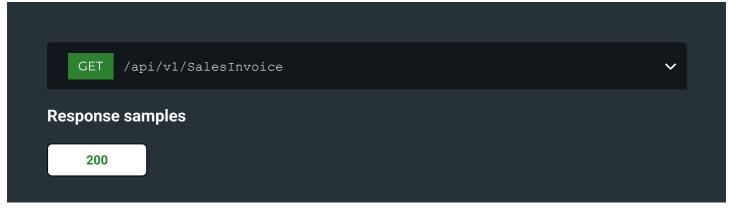
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Get all sales invoices with optional filters and pagination. Accessible by Admins, Managers, and Salespersons.

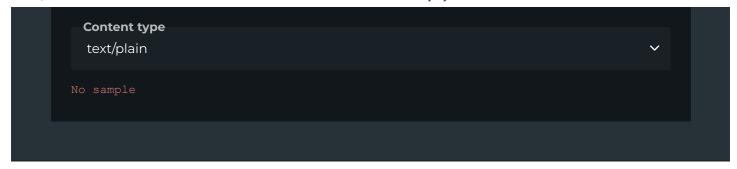


### Responses

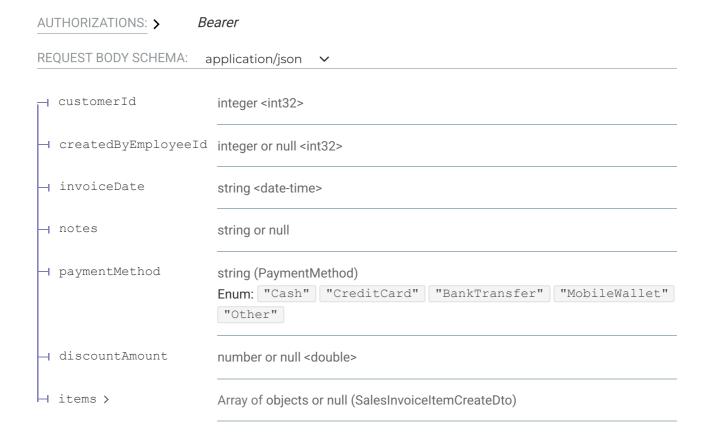
> 200 Success



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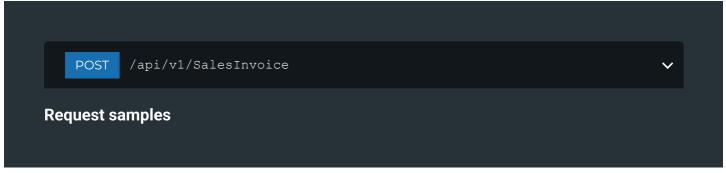


# Create a new sales invoice. Accessible by Salespersons and Admins.

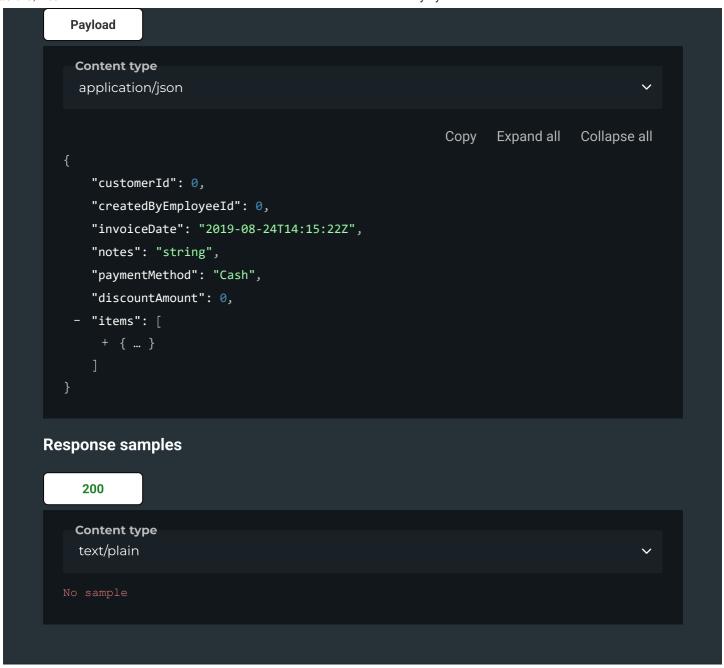


### Responses

> 200 Success



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Get detailed information of a specific sales invoice by ID.

### Responses

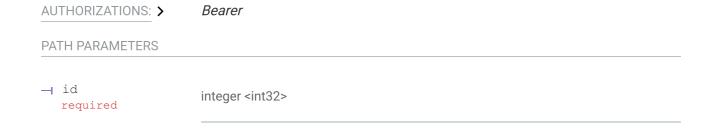
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> 200 Success



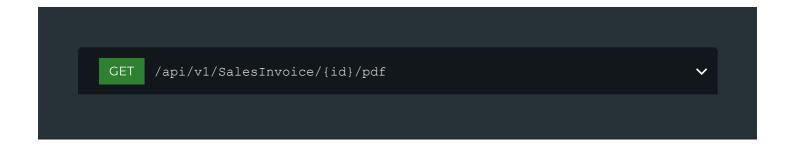


# Export a sales invoice to PDF by ID.



### Responses

— 200 Success



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# SalesReports

# /api/v1/SalesReports

AUTHORIZATIONS: >	Bearer
QUERY PARAMETERS	
⊢ FromDate	string <date-time></date-time>
⊣ ToDate	string <date-time></date-time>
→ ProductId	integer <int32></int32>
⊢ TopCount	integer <int32></int32>
→ ReportSortOptions	<pre>string (SalesReportSortOptions) Enum: "SellingPriceAsc" "SellingPriceDec" "UnitsSoldAsc"  "UnitsSoldDesc"</pre>
H CategoryId	integer <int32></int32>

# Responses

> 200 Success



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```
No sample
```

# /api/v1/SalesReports/pdf

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AUTHORIZATIONS: >	Bearer
QUERY PARAMETERS	
⊢ FromDate	string <date-time></date-time>
⊢ ToDate	string <date-time></date-time>
→ ProductId	integer <int32></int32>
⊢ TopCount	integer <int32></int32>
→ ReportSortOptions	string (SalesReportSortOptions)  Enum: "SellingPriceAsc" "SellingPriceDec" "UnitsSoldAsc" "UnitsSoldDesc"
⊢ CategoryId	integer <int32></int32>

# Responses

— 200 Success



# Suppliers

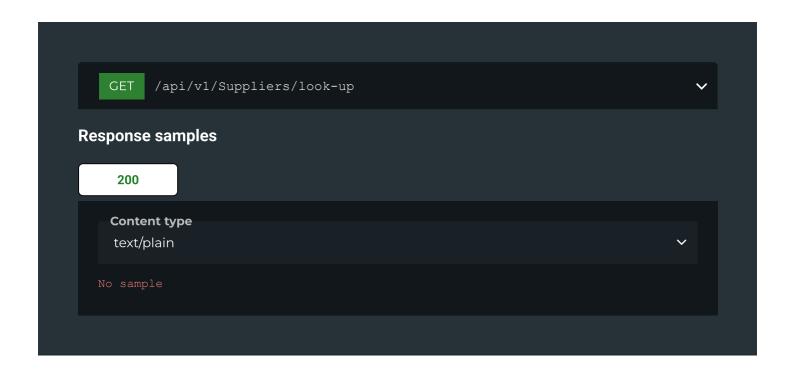
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# /api/v1/Suppliers/look-up

AUTHORIZATIONS: > Bearer

### Responses

> 200 Success



# /api/v1/Suppliers/{id}/categories



### Responses

> 200 Success

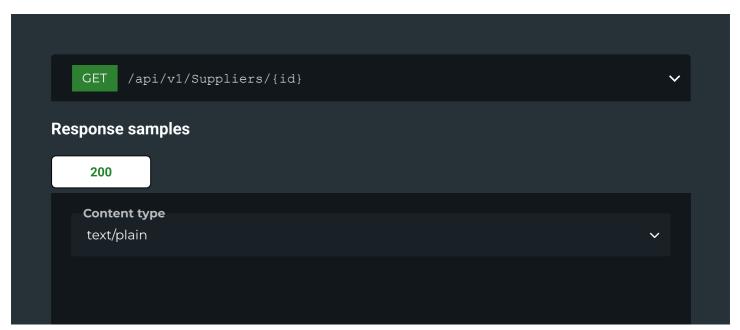


# /api/v1/Suppliers/{id}



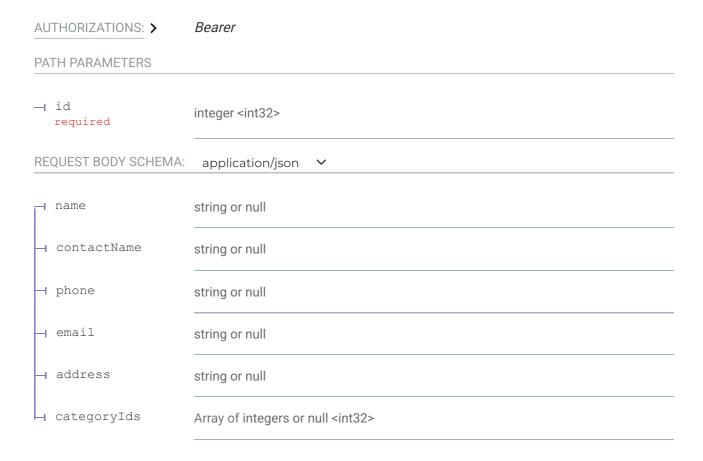
# Responses

> 200 Success



No sample

# /api/v1/Suppliers/{id}

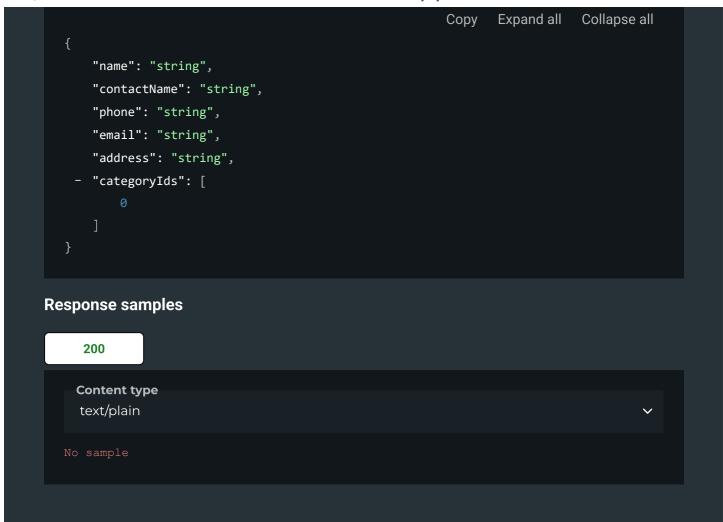


### Responses

> 200 Success



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# /api/v1/Suppliers

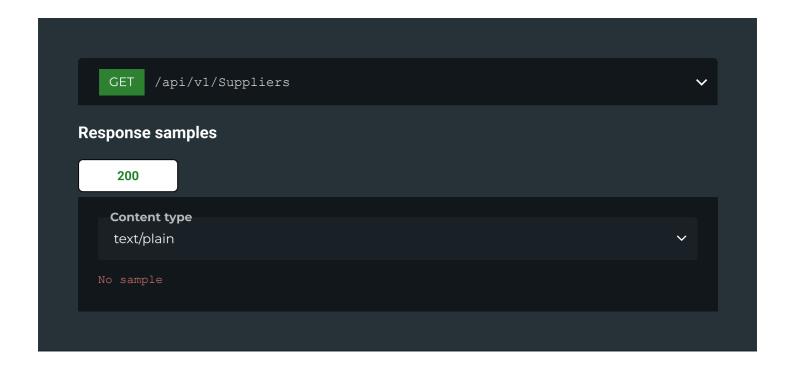
AUTHORIZATIONS: >	Bearer
QUERY PARAMETERS	
→ Name	string
— CategoryId	integer <int32></int32>
→ CreationDate	string <date-time></date-time>
→ SortOptions	string (SupplierSortOptions)  Enum: "NameAsc" "NameDesc" "CreatedAtAsc" "CreatedAtDesc"
— Email	string
- ContactName	string
- Phone	string
→ PageIndex	integer <int32></int32>

- pageSize

integer <int32>

# Responses

> 200 Success



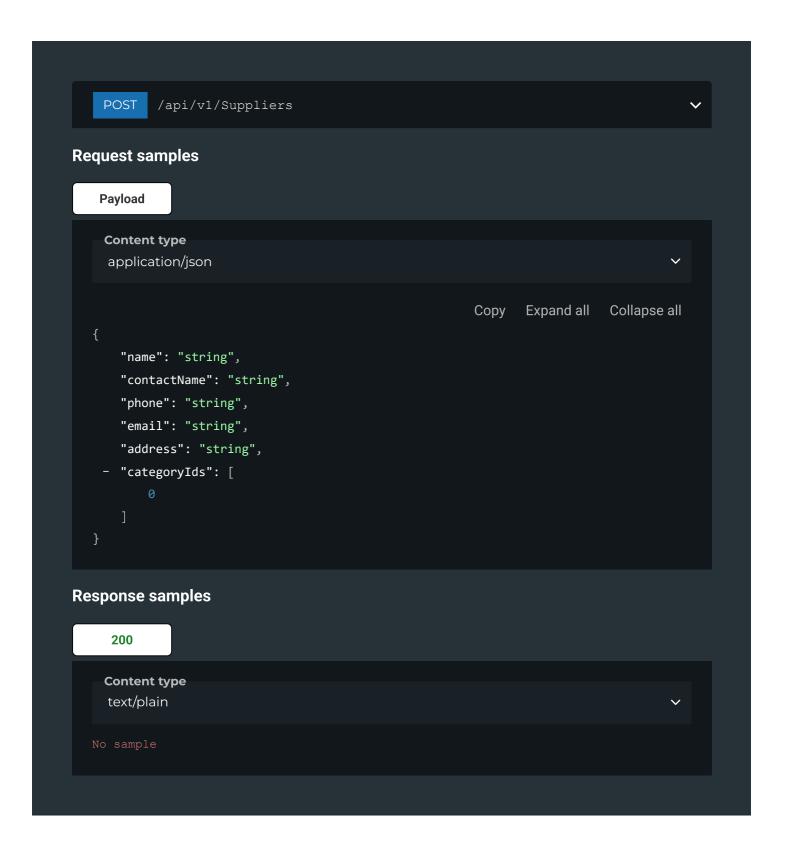
# /api/v1/Suppliers

AUTHORIZATIONS: >	Bearer
REQUEST BODY SCHEMA:	application/json 🗸
— name	string or null
— contactName	string or null
⊣ phone	string or null
— email	string or null
— address	string or null
⊢ categoryIds	Array of integers or null <int32></int32>

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### Responses

> 200 Success



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# Users

# /api/v1/Users/assign-role

### Responses

```
> 200 Success
```

```
Request samples

Payload

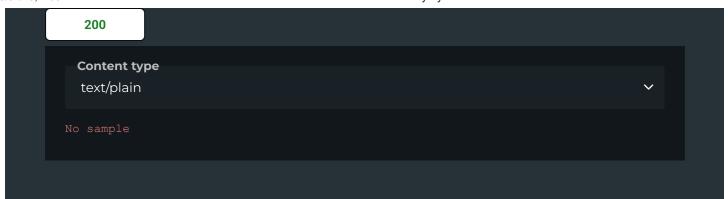
Content type
application/json

Copy

{
    "userId": "string",
    "role": "string"
}

Response samples
```

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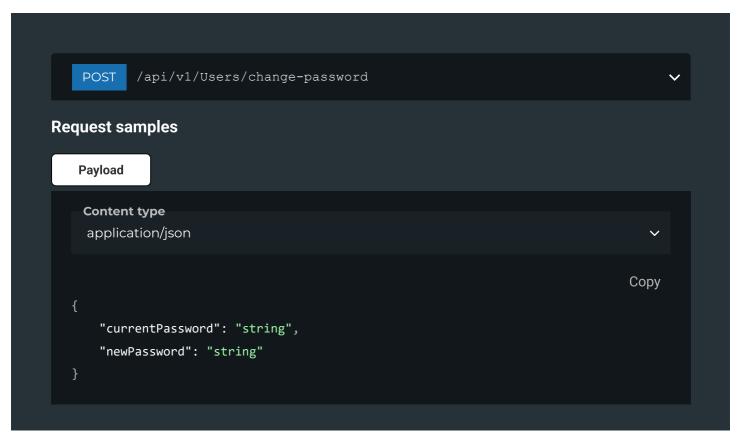


# /api/v1/Users/change-password

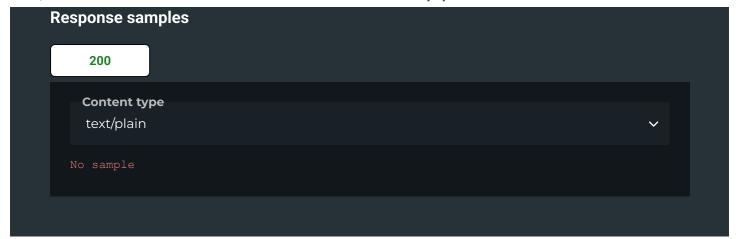


### Responses

> 200 Success



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