

Final_Project

POST http://localhost:3000/signup

http://localhost:3000/signup

Signup

This endpoint is used to create a new user account.

Request Body

- user (object)
 - email (string): The email address of the user.
 - password (string): The password for the user account.
 - password_confirmation (string): The confirmation of the password.
 - role (string): The role of the user.

Response

The response is in JSON format and follows the schema below:

json

```
{
  "type": "object",
  "properties": {
    "token": {"type": "string"},
    "user": {
      "type": "object",
      "properties": {
        "id": {"type": "integer"},
        "email": {"type": "string"},
        "password_digest": {"type": "string"},
        "role": {"type": "string"},

```


Body raw (json)

json

```
{
  "user": {

```

```
"email": "hamit@example.com",
"password": "password123",
"password_confirmation": "password123",
```

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```
}
```

POST http://localhost:3000/login

http://localhost:3000/login

The `POST /login` endpoint is used to authenticate a user and obtain a token for accessing protected resources.

Request Body

- The request body should be in JSON format and include the following parameters:
 - `email`: (string) The email of the user.
 - `password`: (string) The password of the user.

Response

The response will be in JSON format with the following schema:

json

```
{
  "type": "object",
  "properties": {
    "token": {
      "type": "string"
    },
    "user": {
      "type": "object",
      "properties": {
        "id": {
          "type": "integer"
        }
      }
    }
  }
}
```


The response will have a `token` field containing the authentication token and a `user` object with user details including `id`, `email`, `password_digest`, `role`, `created_at`, and `updated_at`.

Body raw (json)

json

```
{
  "email": "admin@example.com",
  "password": "password123"
}
```

POST http://localhost:3000/api/products

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The endpoint allows the creation of a new product via a POST request to the specified URL. The request should include a JSON payload with the following fields:

- name (string): The name of the product.
- description (string): The description of the product.
- price (number): The price of the product.
- stock (number): The available stock of the product.
- category (string): The category to which the product belongs.
- brand (string): The brand of the product.
- size (string): The size of the product.
- color (string): The color of the product.
- gender (string): The target gender for the product.

The response of this request is documented as a JSON schema.

HEADERS

Authorization

Bearer eyJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkIjoyLCJyb2xlljoiYWRTaW4ifQ.dz-zND_Nkjkp_jLdGzVtjaB8mE77kNIE15P3p8mmCAU

Body raw (json)


json

```
{
  "name": "Product Name",
  "description": "Product Description",
  "price": 100,
  "stock": 50,
  "category": "Shirts",
  "brand": "Nike",
  "size": "S",
  "color": "Red",
  "gender": "Men"
}
```

POST http://localhost:3000/api/orders

http://localhost:3000/api/orders

The API endpoint allows you to create a new order by sending an HTTP POST request to the specified URL. The request should include a payload in the raw request body type with the order details, including the status and order

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Response

The response of this request is a JSON schema representing the structure of the response data. The schema will outline the format and properties of the response object returned upon successfully creating a new order.

HEADERS

Authorization

Bearer eyJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkIjoyLCJyb2xlIjoieYWRtaW4ifQ.dz-zND_Nkjkp_jLdGzVtjaB8mE77kNIE15P3p8mmCAU

Body raw (json)

json

```
{
  "order": {
    "status": "pending",
    "order_items": [
      {
        "product_id": 1,
        "quantity": 1
      }
    ]
  }
}
```

PUT http://localhost:3000/api/orders/1

http://localhost:3000/api/orders/1

Update Order Status

This endpoint is used to update the status of a specific order.

Request Body

- `order` (object)
 - `status` (string, required): The new status of the order.

Response

The response will contain the updated details of the order after the status has been successfully updated.

HEADERS

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zND_NKjKp_jLdGzVtjaB8mE//kNIE15P3p8mmCAU

Body raw (json)

json

```
{
  "order": {
    "status": "completed"
  }
}
```

GET http://localhost:3000/api/products/search

http://localhost:3000/api/products/search

Retrieve Product Search

This endpoint makes an HTTP GET request to retrieve a list of products based on the search criteria.

Request Body

This request does not require a request body.

Response

- Status: 200 OK
- Content-Type: application/json


Example Response Body:

json

```
[
  {
    "id": 0,
    "name": "",
    "description": "",
    "price": "",
    "stock": 0,
    "person": null,
    "created_at": "",
    "updated_at": "",
    "category": 0,
  }
]
```

The response contains an array of product objects with their respective details such as id, name, description, price,

stock, person, created_at, updated_at, category, brand, size, color, and gender.

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Authorization

Bearer eyJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkjoyLCJyb2xlljoiYWRTaW4ifQ.dz-zND_Nkjkp_jLdGzVtjaB8mE77kNIE15P3p8mmCAU

GET http://localhost:3000/api/products/search?price_min=10&price_max=100

http://localhost:3000/api/products/search?price_min=10&price_max=100

Retrieve Products by Price Range

This endpoint makes an HTTP GET request to retrieve products within a specified price range.

Request Parameters

- `price_min` (number) - The minimum price of the products to be retrieved.
- `price_max` (number) - The maximum price of the products to be retrieved.

Response

The response will include the products that fall within the specified price range.

HEADERS

Authorization

Bearer eyJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkjoyLCJyb2xlljoiYWRTaW4ifQ.dz-zND_Nkjkp_jLdGzVtjaB8mE77kNIE15P3p8mmCAU

PARAMS

<code>price_min</code>	10
<code>price_max</code>	100


GET [report](#)

http://localhost:3000/api/order_reports/completed

Get Completed Order Reports

This endpoint makes an HTTP GET request to retrieve completed order reports.

Request Body

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Response Body

The response returns a status code of 200 and the content type is `text/xml`. The response body is not available for this request.

HEADERS

Authorization

Bearer eyJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkjoyLCJyb2xlljoiYWRtaW4ifQ.dz-zND_Nkjkp_jLdGzVtjaB8mE77kNIE15P3p8mmCAU