CRUD API Endpoints for Product & Category

---Category API Endpoints---

Create Category

POST

http://localhost:8080/categories

Request Body

{

  "name": "Electronics"

}

Get All Categories

GET

http://localhost:8080/categories

Get Category by ID

GET

http://localhost:8080/categories/{id}

Update Category

PUT

http://localhost:8080/categories/{id}

Request Body

{

  "name": "Updated Electronics"

}

Delete Category

DELETE

http://localhost:8080/categories/{id}

Get Paginated Categories

GET

http://localhost:8080/categories/paginated?page=0&size=5

================================END================================

--Product API Endpoints--

Create Product

POST

http://localhost:8080/products

Request Body

```
{
  "name": "iPhone 15",
  "description": "Apple smartphone",
  "price": 1000,
  "category": {
   "id": 1
  }
}
```

Get All Products

GET

http://localhost:8080/products

Get Product by ID

GET

http://localhost:8080/products/{id}

Update Product

PUT

http://localhost:8080/products/{id}

Request Body

```
{

  "name": "iPhone 15 Pro",

  "description": "Updated Apple smartphone",

  "price": 1200,

  "category": {

    "id": 1

  }

}
```

Delete Product

DELETE

http://localhost:8080/products/{id}

Get Paginated Products

GET`

http://localhost:8080/products/paginated?page=0&size=5

==================================END==================================