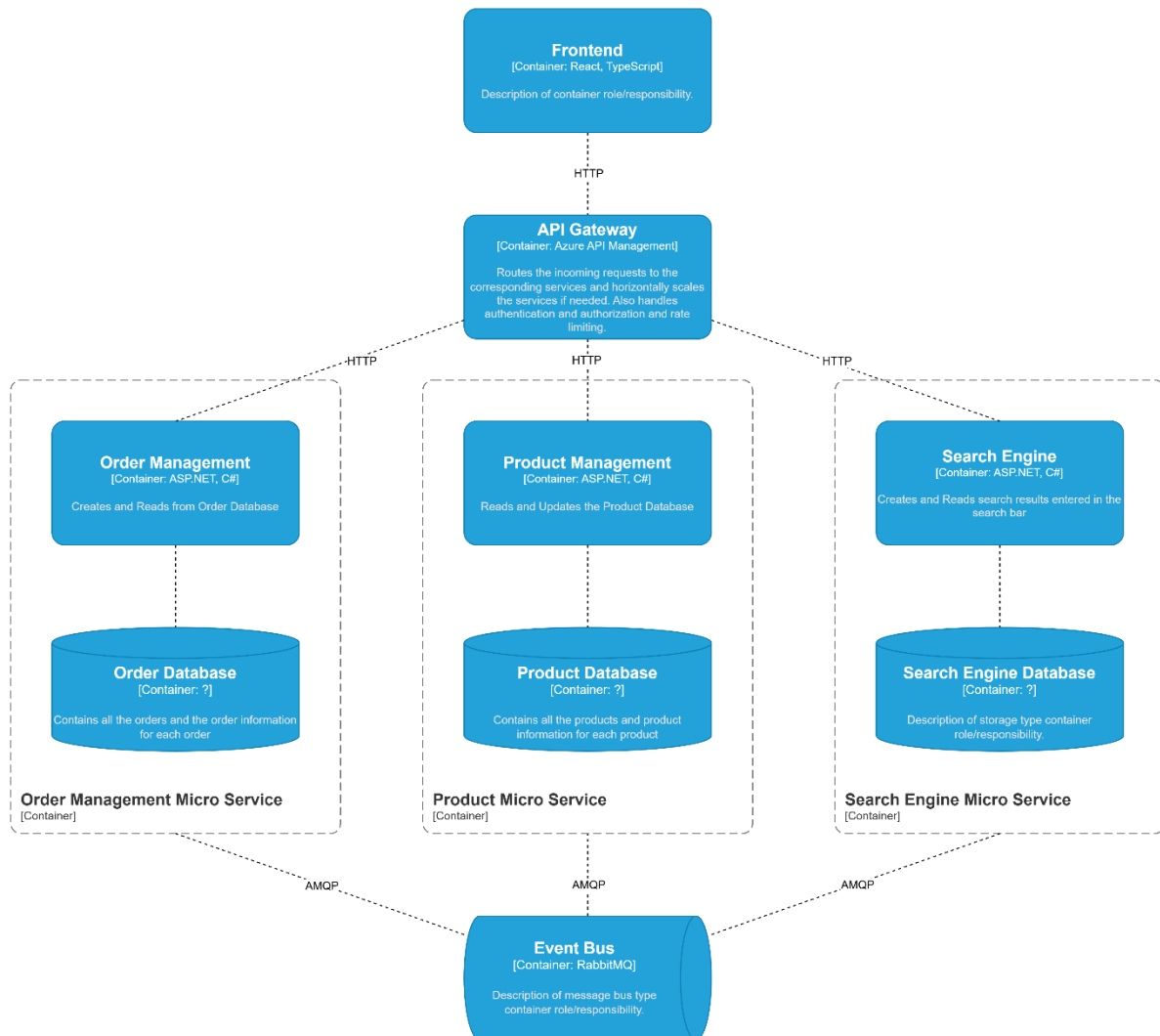


Product Management Service

The end goal of my PMS is to have it connected to its own database, have it communicate to the API Gateway using HTTP/HTTPS and have it communicate to other services using AMQP using RabbitMQ.



To start off I managed to set it up with a Get function that returns mock data. (This is all running from my own pc)

The screenshot displays the Swagger UI interface in a web browser. The browser's address bar shows the URL `localhost:44353/swagger/index.html`. The Swagger logo is in the top left, and a dropdown menu in the top right is set to "ProductManagement v1".

The main section is titled "ProductManagement" with a "1.0 OAS3" badge. Below the title, a dropdown menu shows the selected endpoint: `GET /ProductManagement`. Under the "Schemas" section, a link for "Product" is visible.

Below the Swagger UI, a "Curl" section shows the command used to make the request:

```
curl -X 'GET' \
  'https://localhost:44353/ProductManagement' \
  -H 'accept: text/plain'
```

The "Request URL" section shows the full URL: `https://localhost:44353/ProductManagement`.

The "Server response" section shows a status code of 200. The "Response body" is displayed in a dark-themed code editor, showing a JSON array of three product objects:

```
[
  {
    "id": 1,
    "name": "Max",
    "price": "$10.00",
    "image": "https://via.placeholder.com/150"
  },
  {
    "id": 2,
    "name": "Cowb",
    "price": "$15.00",
    "image": "https://via.placeholder.com/150"
  },
  {
    "id": 3,
    "name": "Scissor",
    "price": "$20.00",
    "image": "https://via.placeholder.com/150"
  }
]
```

A "Download" button is located at the bottom right of the response body.

I also managed to containerize it and make it run in docker

Containers [Give feedback](#)

Container CPU usage ⓘ
0.02% / 800% (8 CPUs available)

Container memory usage ⓘ
30.36MB / 7.53GB

[Show charts](#)

Search



Only show running containers

<input type="checkbox"/>	Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
<input type="checkbox"/>	ecommerceadvancedsoftw		Running (1/3)	0.03%		16 seconds ago	
<input type="checkbox"/>	ocelotgateway-1 ffc99621eb74	ocelot-gateway-image	Exited	0%	5000:5000	21 hours ago	
<input type="checkbox"/>	productmanagement-1 80146940bc6c	product-management-image	Running	0.03%	36942:36942 44353:44353 5002:5002 5022:5022 5037:5037 8080:8080 8081:8081 Show less	16 seconds ago	
<input type="checkbox"/>	eCommerceFrontend d4958288ad83	ecommerce-frontend-image	Exited (1)	0%	3000:3000	21 hours ago	

View 2 - Fast Wi... x Portfolio x Portfolio x FeedPulse x S7 Fall Archdra... x ChatGPT x [Projects Beta] x Swagger UI x + - □ ×

← → ↻ local:8080/swagger/index.html ☆ □ K ⋮

Swagger
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Select a definition **ProductManagement v1** ▾

ProductManagement ^{1.0} OAS3

<http://localhost:8080/swagger/v1/swagger.json>

ProductManagement ^

GET

/ProductManagement ▾

Schemas ^

Product >

Type here to search

12:45
30/10/2024

View 2 - Fast Wi... x Portfolio x Portfolio x FeedPulse x 57 Fall Archdra... x ChatGPT x [Projects Beta] x Swagger UI x +

localhost:8080/swagger/index.html

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/ProductManagement' \
  -H 'accept: text/plain'
```

Request URL

```
http://localhost:8080/ProductManagement
```

Server response

Code Details

200

Response body

```
{
  "id": 1,
  "name": "Max",
  "price": "$18.00",
  "image": "https://via.placeholder.com/150"
},
{
  "id": 2,
  "name": "Comb",
  "price": "$15.00",
  "image": "https://via.placeholder.com/150"
},
{
  "id": 3,
  "name": "Scissor",
  "price": "$20.00",
  "image": "https://via.placeholder.com/150"
}
]
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 30 Oct 2024 11:46:32 GMT
server: Kestrel
transfer-encoding: chunked
```

Type here to search

12:46 30/10/2024