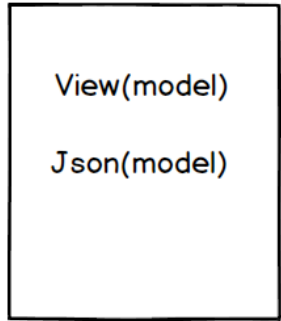
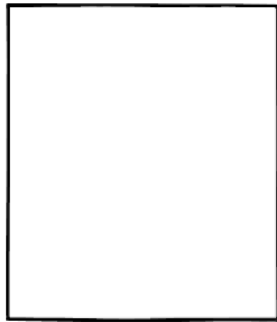


ASP.NET MVC
ASP.NET MVC

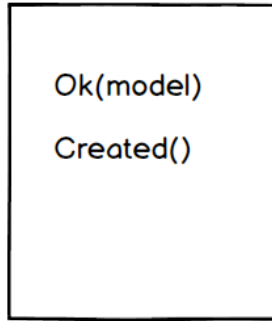


Controller



CustomersController

ASP.NET Web Api

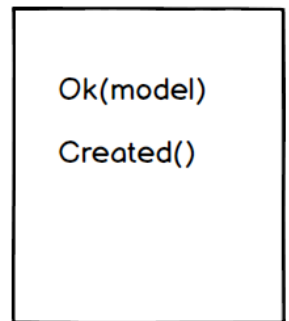


ApiController

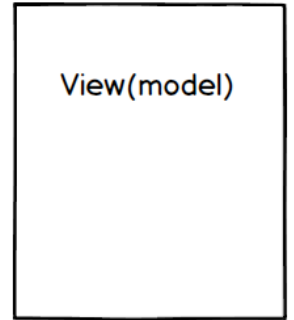


CustomersController

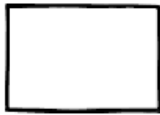
ASP.NET Core MVC



ControllerBase



Controller



GET api/customers

GET api/customers/100

POST api/customers

PUT api/customers/100

PATCH api/customers/100

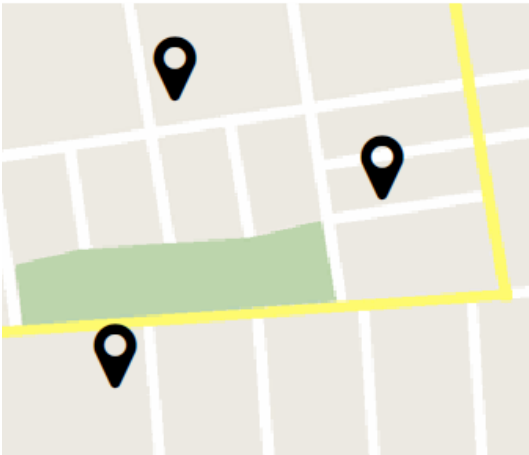
DELETE api/customers/100

GET api/customers/100/orders/last

GET api/customers?city=Poznan&street=Dworcowa

~~GET api/customers/pesel/105454545~~

~~GET api/customers?action=delete~~



GET api/customers/100

Accept: application/json

GET api/customers/100

Accept: image/png

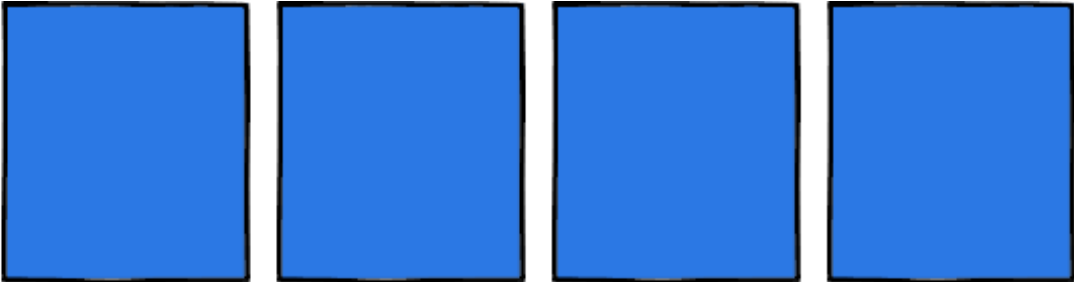
GET api/customers

Accept: kml

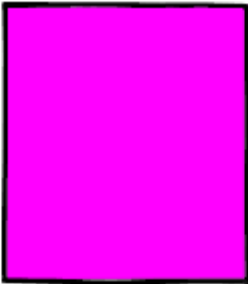


| Key | Value | Cykl życia |
|------------------|---------------------|------------|
| IOrderService | FakeOrderService | Singleton |
| Faker<Customer> | CustomerFaker | |
| ICustomerService | FakeCustomerService | Transient |
| ICustomerService | DbCustomerService | Scoped |

appsettings.json



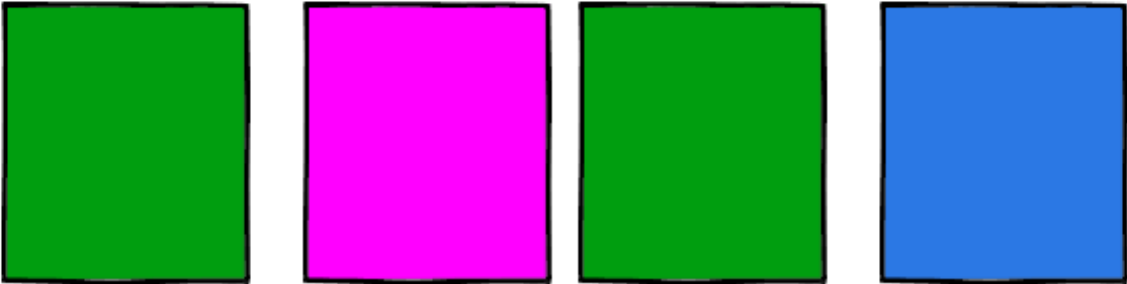
appsettings.development.json

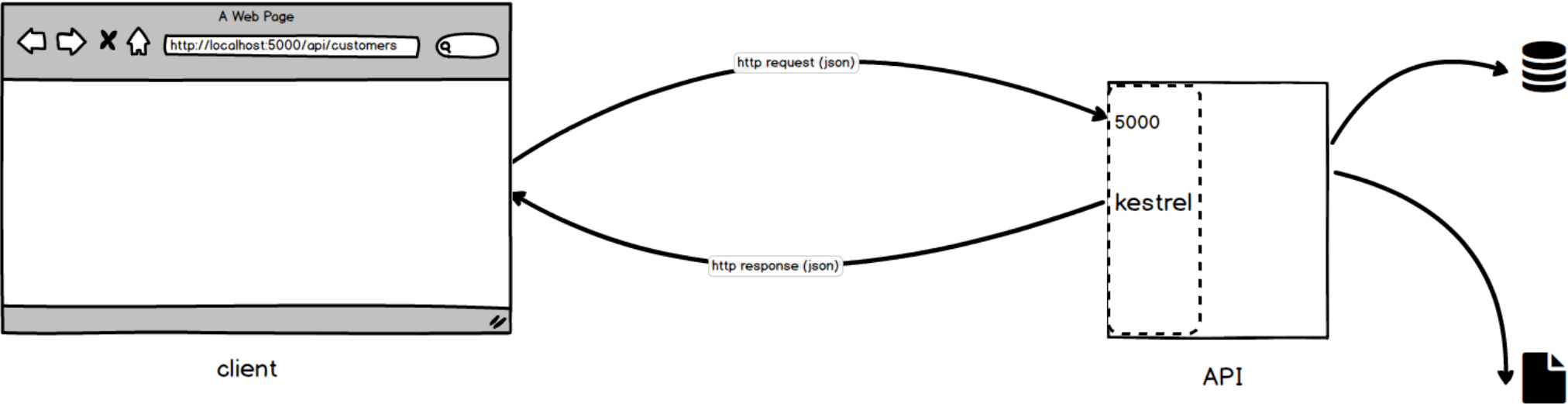


appsettings.xml



IConfiguration





GET api/customers HTTP/1.1

Host: localhost:5000

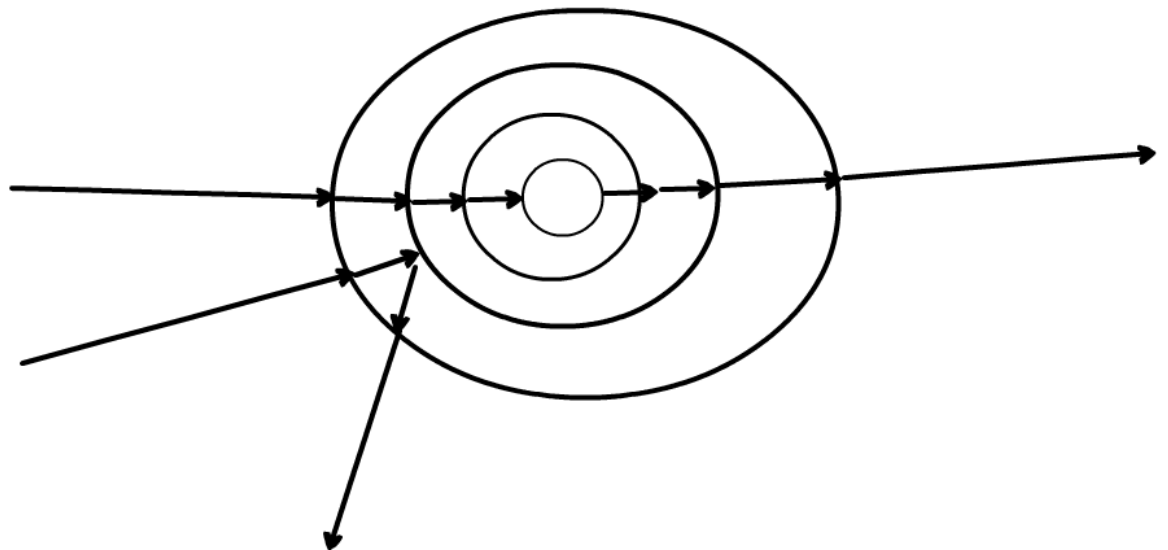
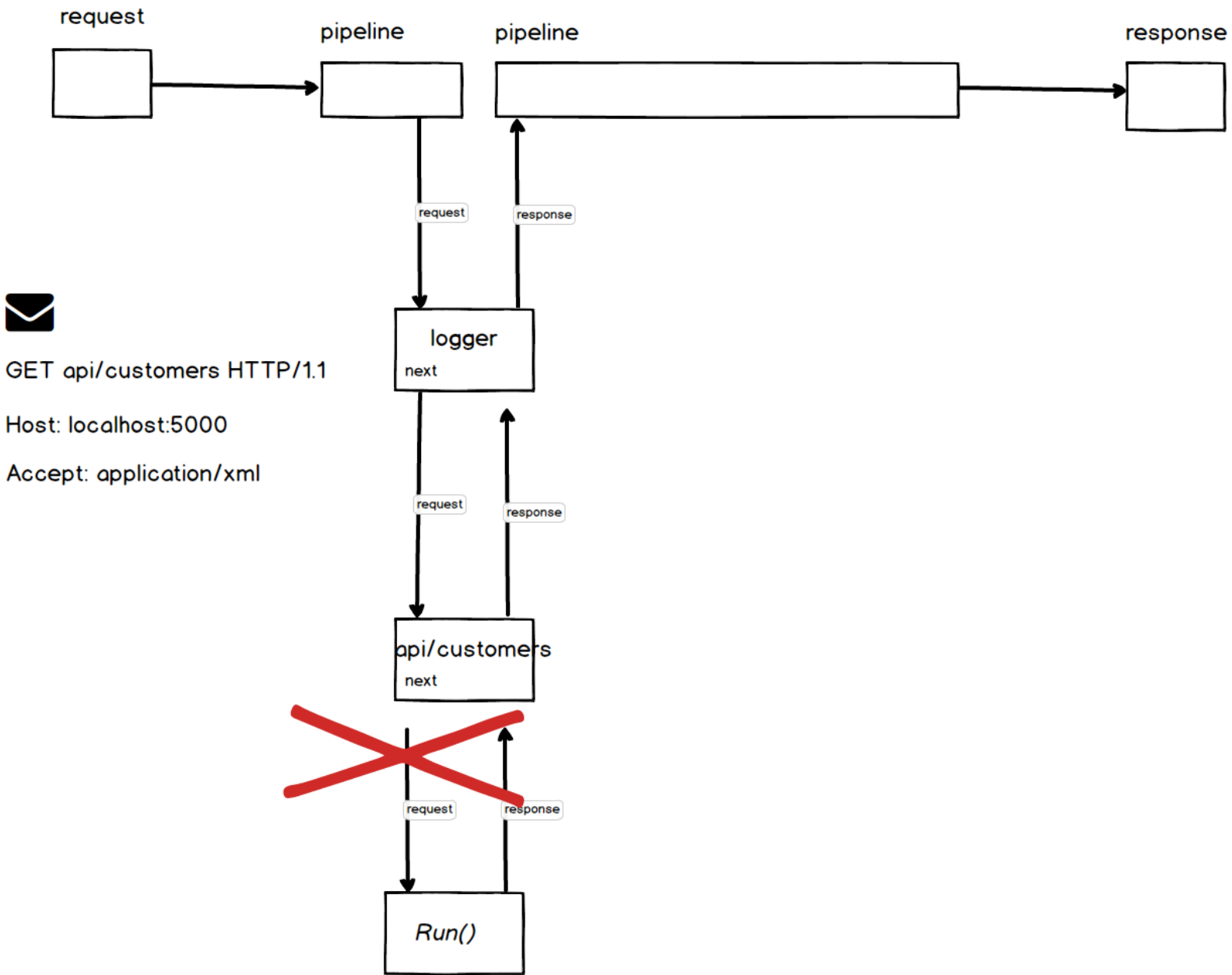
Accept: application/xml

200 OK
Content-Type: application/json

POST api/customers HTTP/1.1

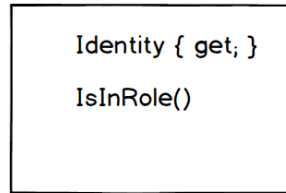
Host: localhost:5000

Content-Type: application/json





IPrincipal



IIdentity

| | |
|-----------------------------|--------------------------|
| AuthenticationType { get; } | |
| IsAuthenticated { get; } | |
| Name { get; } | |
| | |
| Key | Value |
| <hr/> | |
| kat | B |
| kat | C |
| terminważności | 2030-01-01 |
| email | marcin.sulecki@sulmar.pl |
| phoneCell | 555-000-011 |

ClaimsIdentity

POST api/customers/createtoken

Content-Type: application/json

{ "login": "marcin", "password": "12345" }

A543lkjfsdcn5309598359843598c34b95ce

Authorization Bearer A543lkjfsdcn5309598359843598c34b95ce

OAuth 2.0

JWT (Json Web Token)

Bearer A543lkjfsdcn5309598359843598c34b95ce

~~~~~  
schema      meta      payload      signature



## Basic

| Key           | Value                                                                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Authorization | <div>Basic base64(login:password)</div> <div><div>Basic</div><div>base64(login:password)</div></div> <div><div>schema</div><div>parameter</div></div> |

## Bearer

| Key           | Value                                                                                                                     |
|---------------|---------------------------------------------------------------------------------------------------------------------------|
| Authorization | <div>Bearer {token}</div> <div><div>Bearer</div><div>{token}</div></div> <div><div>schema</div><div>parameter</div></div> |