React

API (REST-API)

MVC

request

response (json)

request

request

Ograniczenie (ilość req/h)

sql

ICustomerService

memory

SQL Server

API (REST-API)

Customer

Report

CreatedDate

DataDateFrom
DataDateTo

Details

ReportDetail
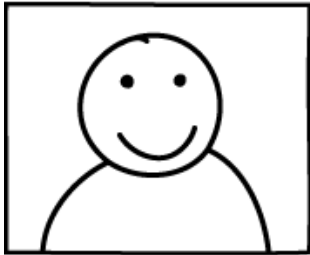
Name

int   Value

GET api/reports?From=2020-01-01&To2020-03-31

GET api/customers/{customerId}/reports

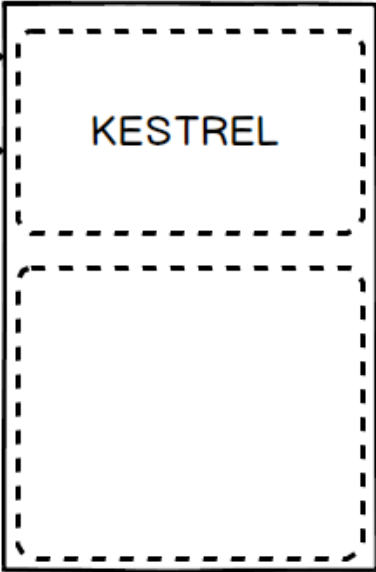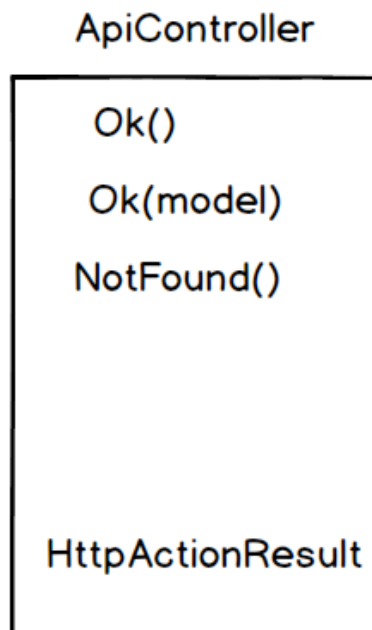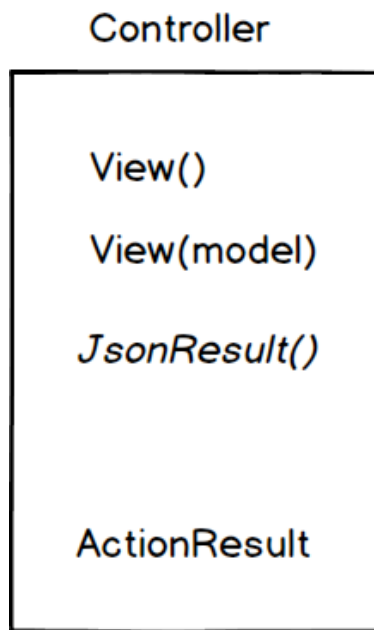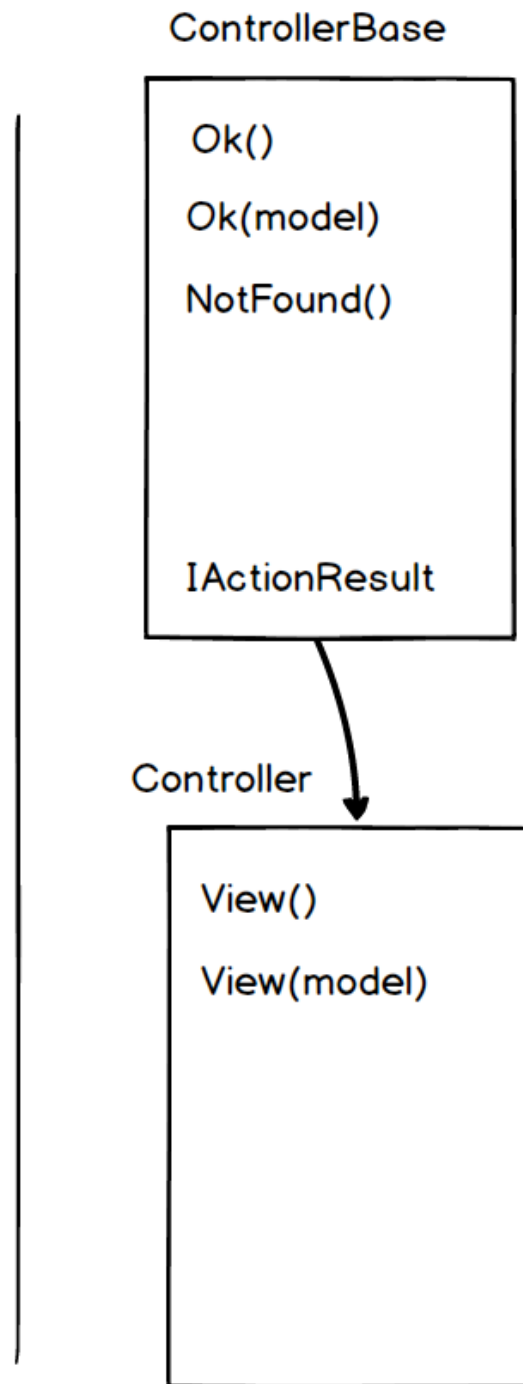GET api/customers/{customerId}/reports/{reportId}

GET api/reports/{reportId}

GET api/customers

GET api/customers/male

GET api/customers/female

GET api/customers/10

GET api/customers/01-999

GET api/customers/02345656456456645

GET api/customers?FirstName=John&From=100&To=200

GET api/customers/10/orders

POST api/customers   utwórz

PUT api/customers/10   zamień

PATCH api/customers/10   zmień

DELETE api/customers/10   usuń

API

KESTREL

HTTP (5000)

HTTPS (5001)

pipeline

request

response

Controller

View()

View(model)

JsonResult()

ActionResult

ApiController

Ok()

Ok(model)

NotFound()

HttpActionResult

ControllerBase

Ok()

Ok(model)

NotFound()

IActionResult

Controller

View()

View(model)

.NET Framework

.NET Core

appsettings.json

| O1 | O2 | O3 | O4 | O5 |

appsettings.xml

| O2 | O4 | O5 |

IConfiguration

| O1 | O2 | O3 | O4 | O5 |

pipeline

request   response

request   response

Use()

Middleware

next

Use()

Run()

/api/customers

request   reszta

/api/reports