

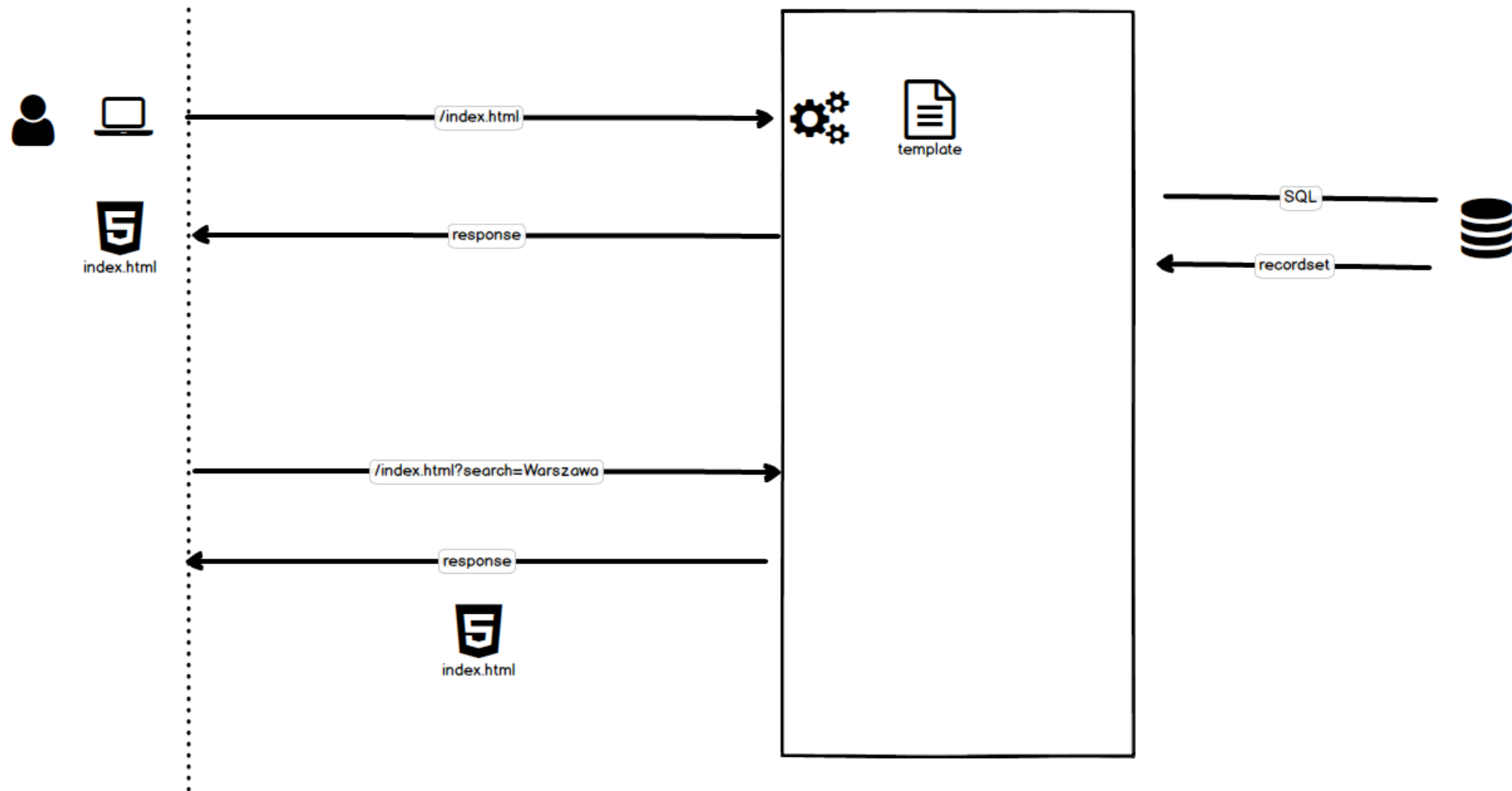
---

# **ASP.NET Core Blazor**

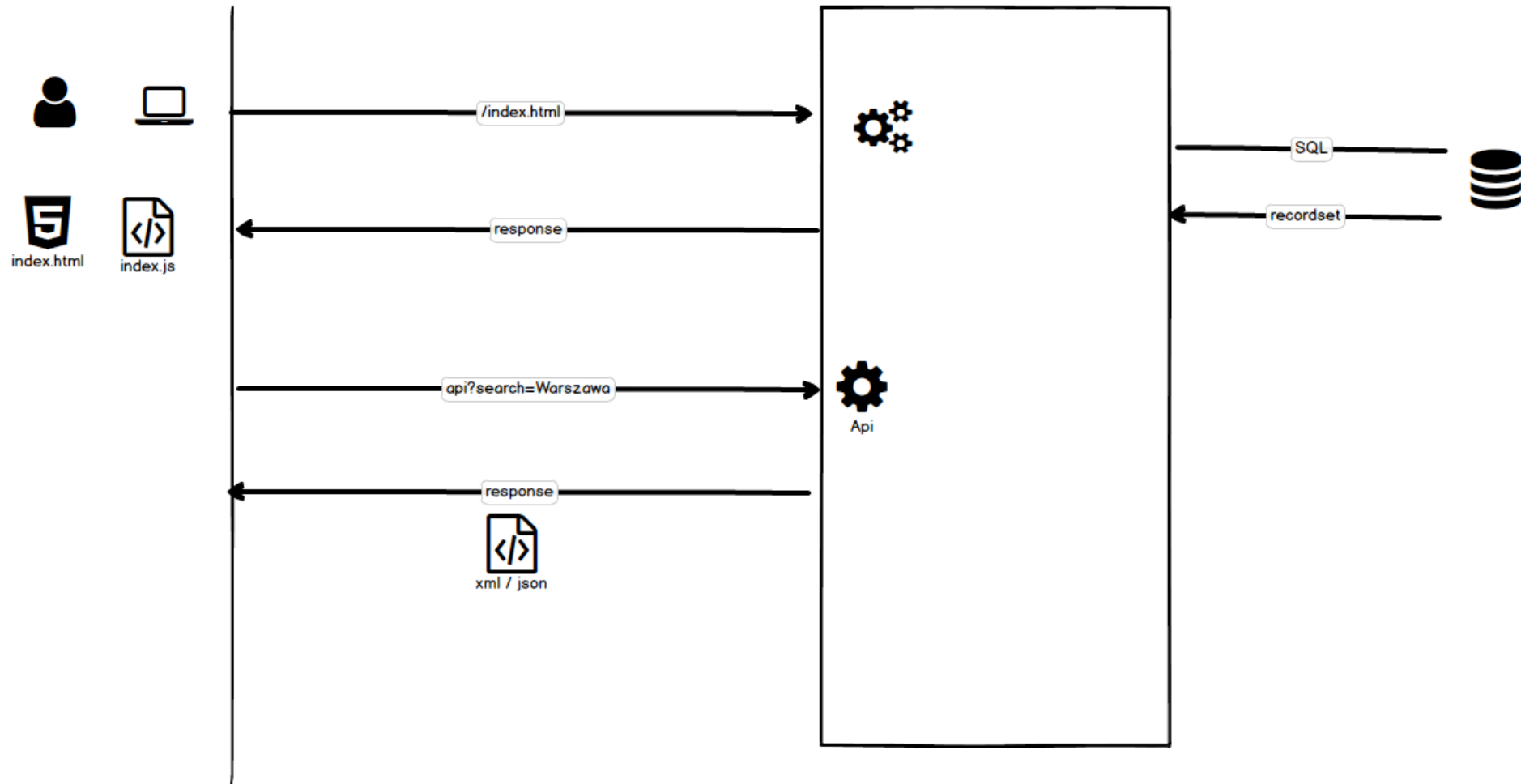
---

Modele renderowania

# Server Side Rendering (SSR)



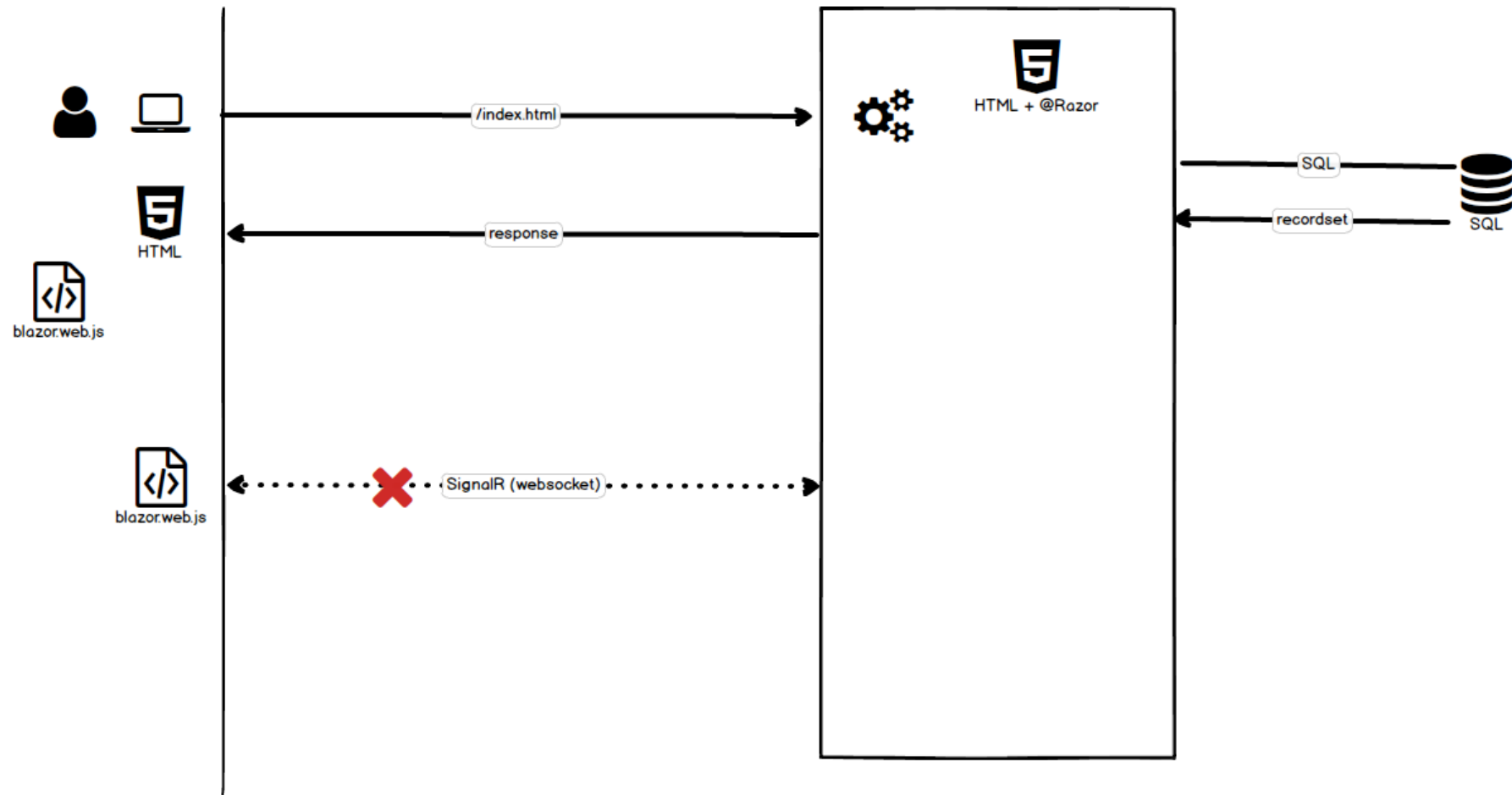
# Client Side Rendering (CSR)



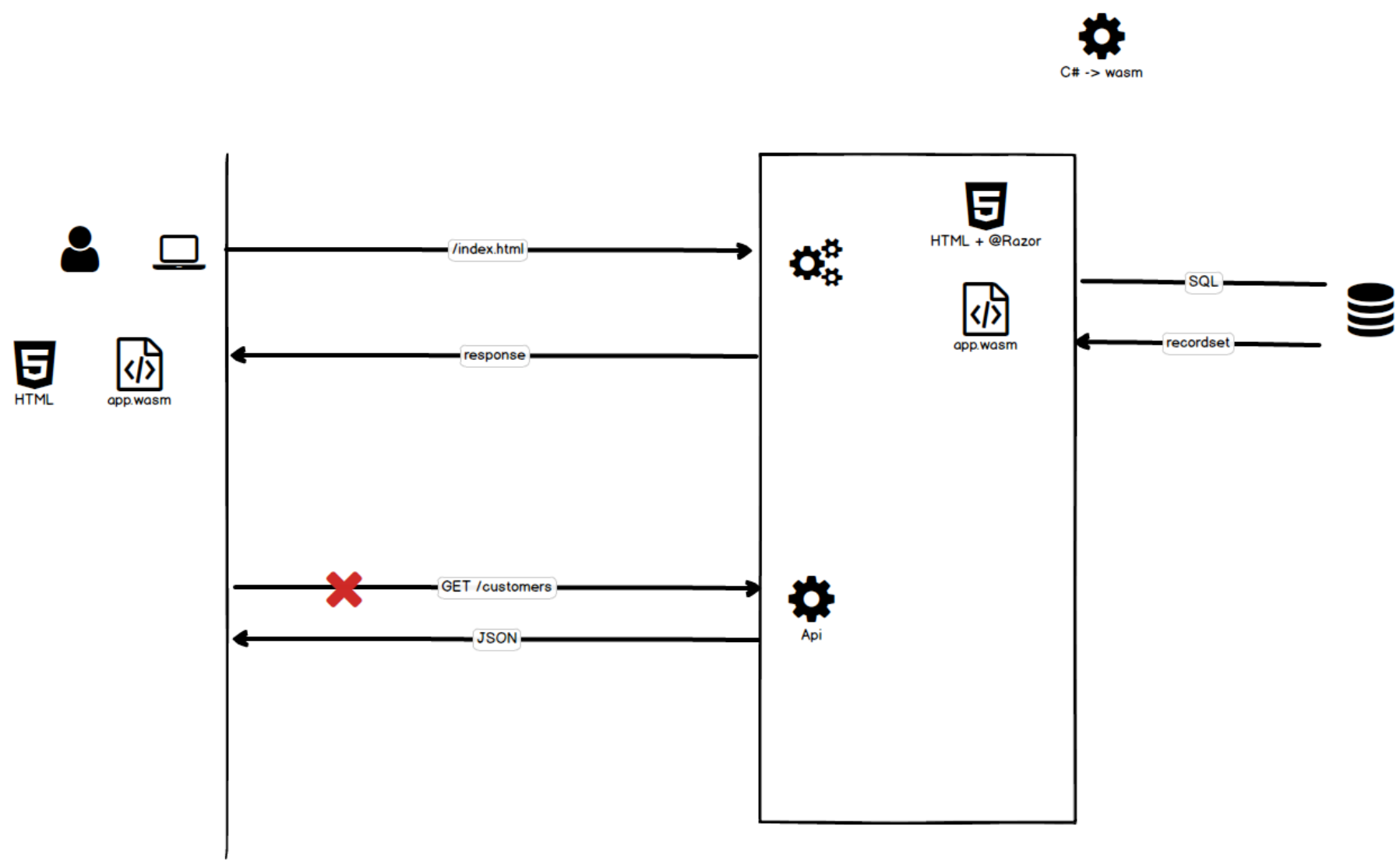
---

# Blazor Hosting Models

## Blazor Server (Blazor Server-Side)



# Blazor Web Assembly (Blazor Client-Side)

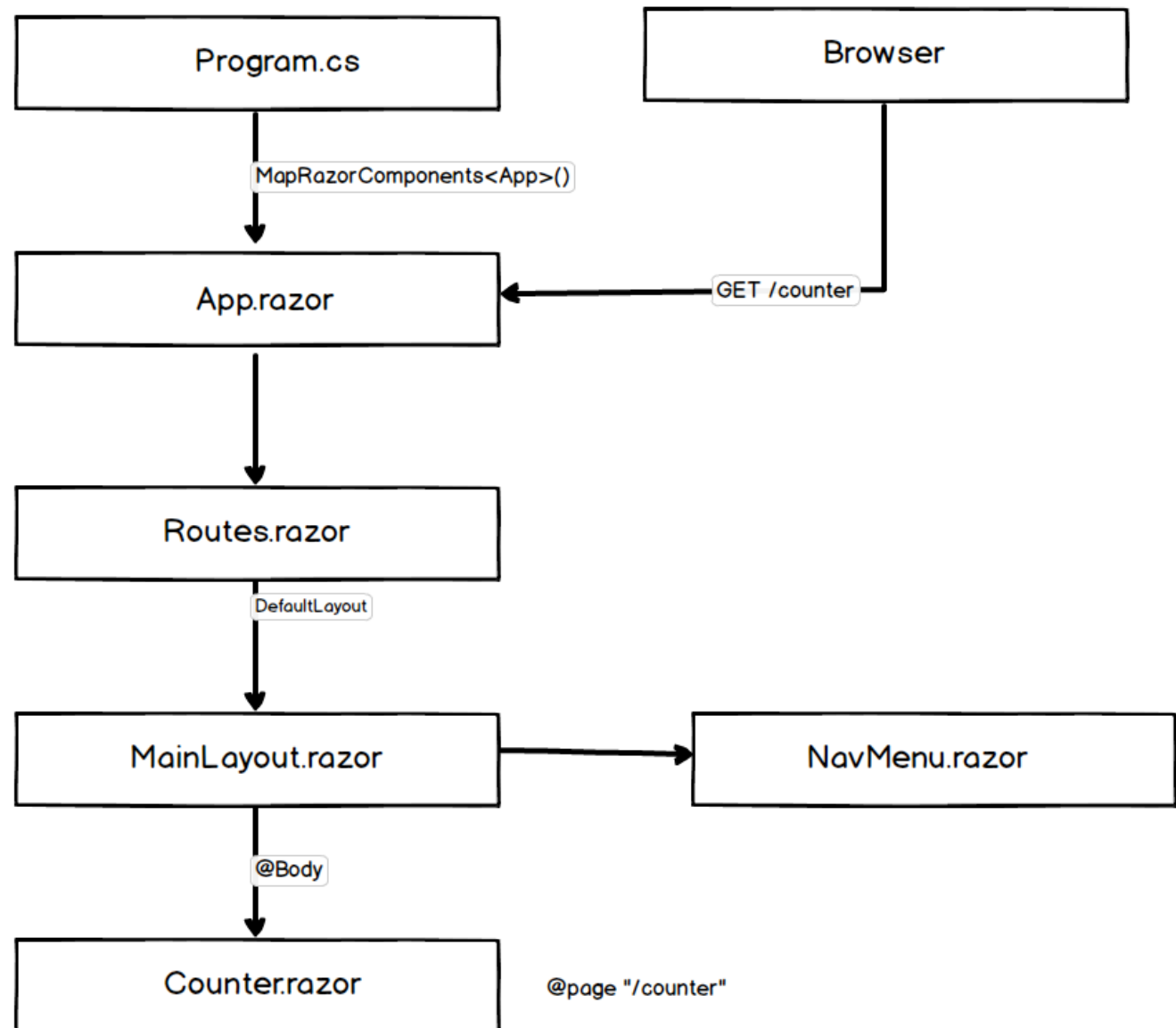


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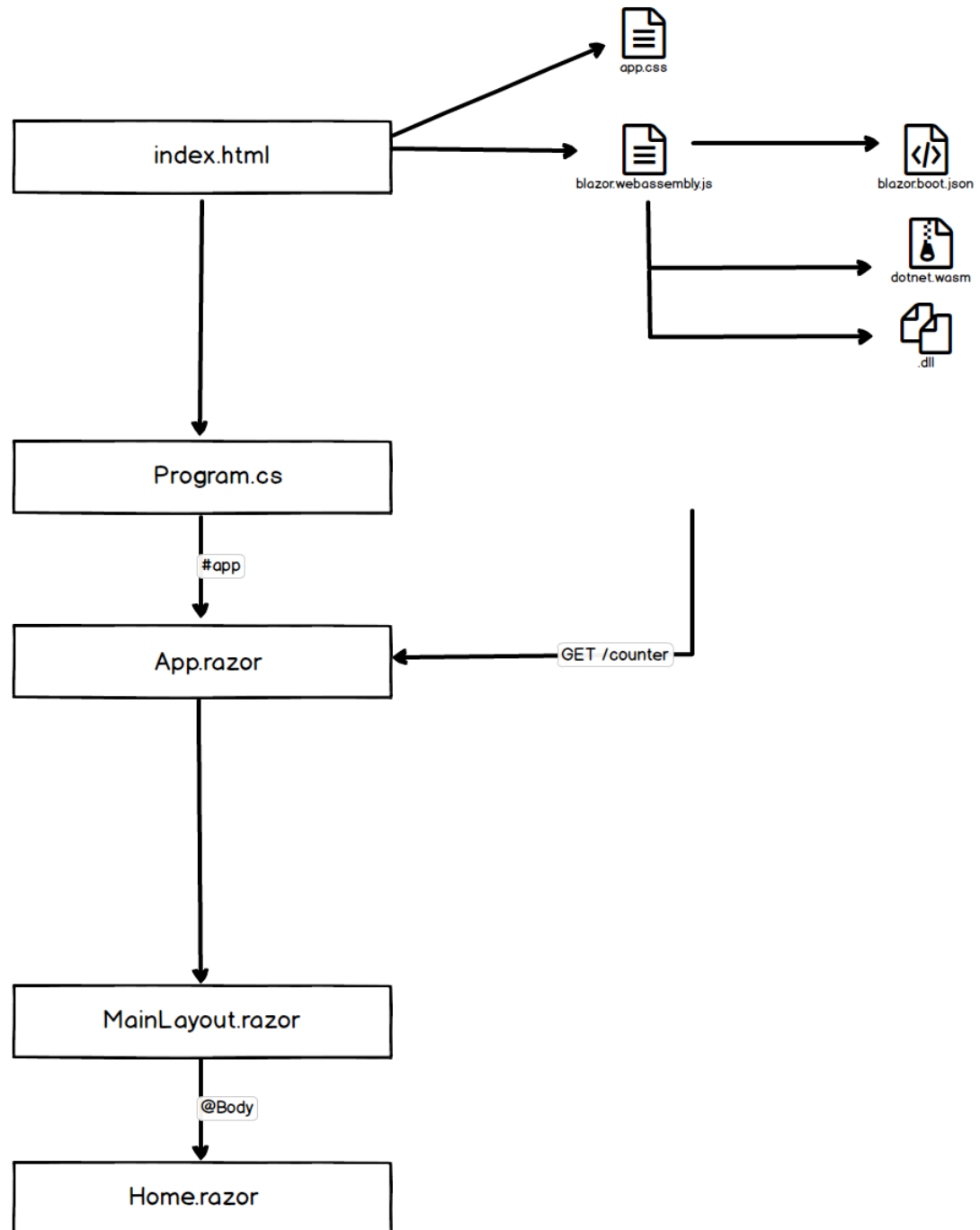
# Project Structure



## Project Structure - Blazor Server



# Blazor Web Assembly

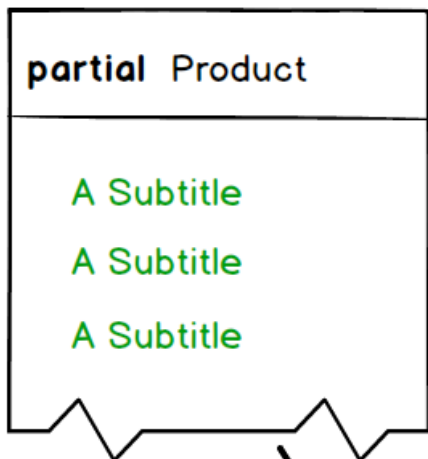


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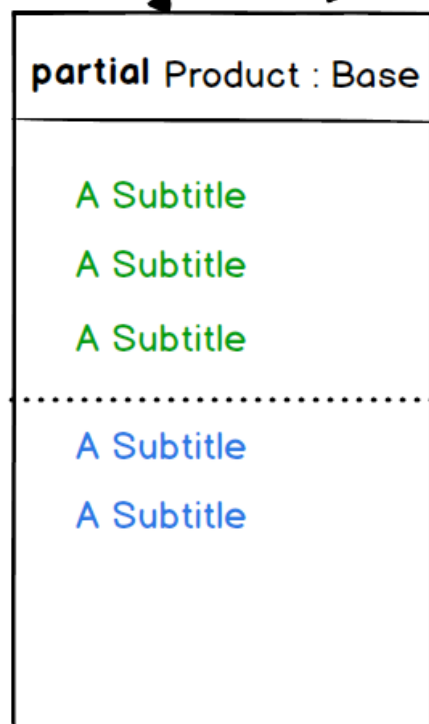
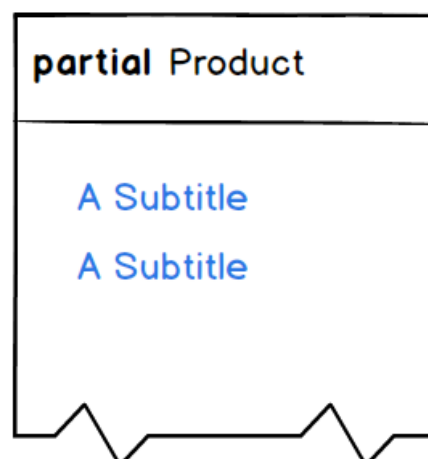
Pages



product.cs



product.g.cs

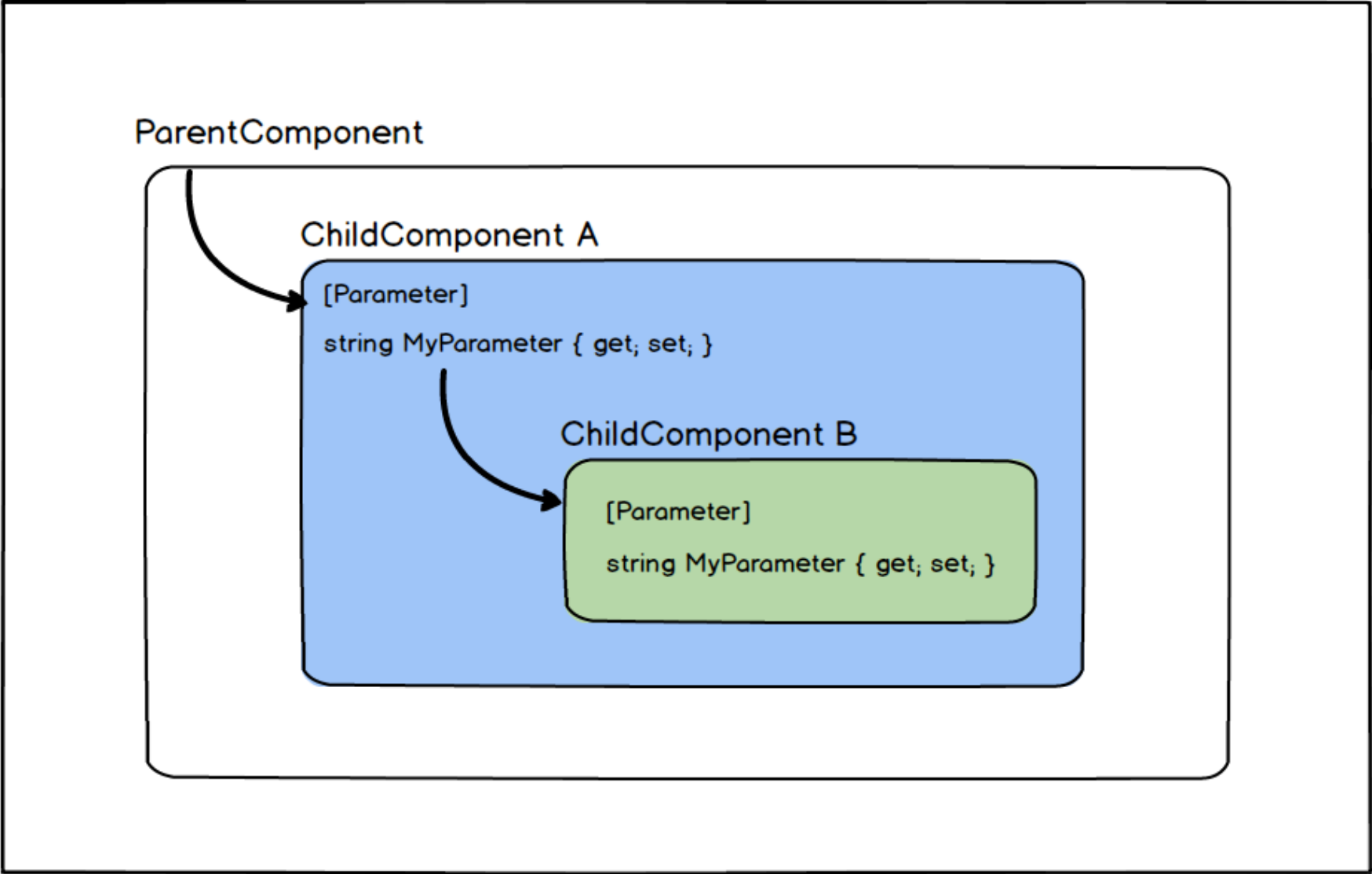


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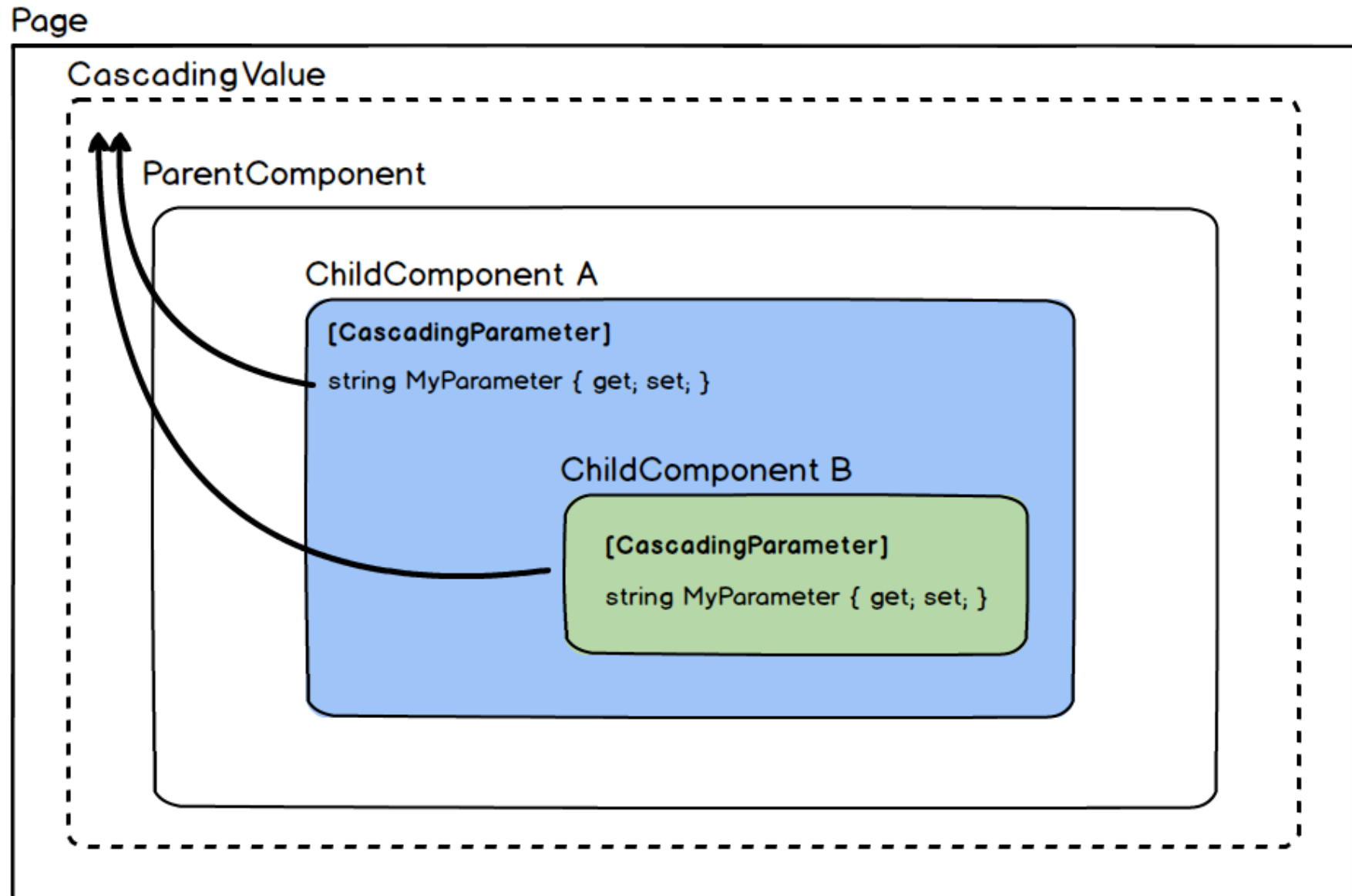
Parameters

# Parameter

Page



# Cascading Parameter



# EventCallback

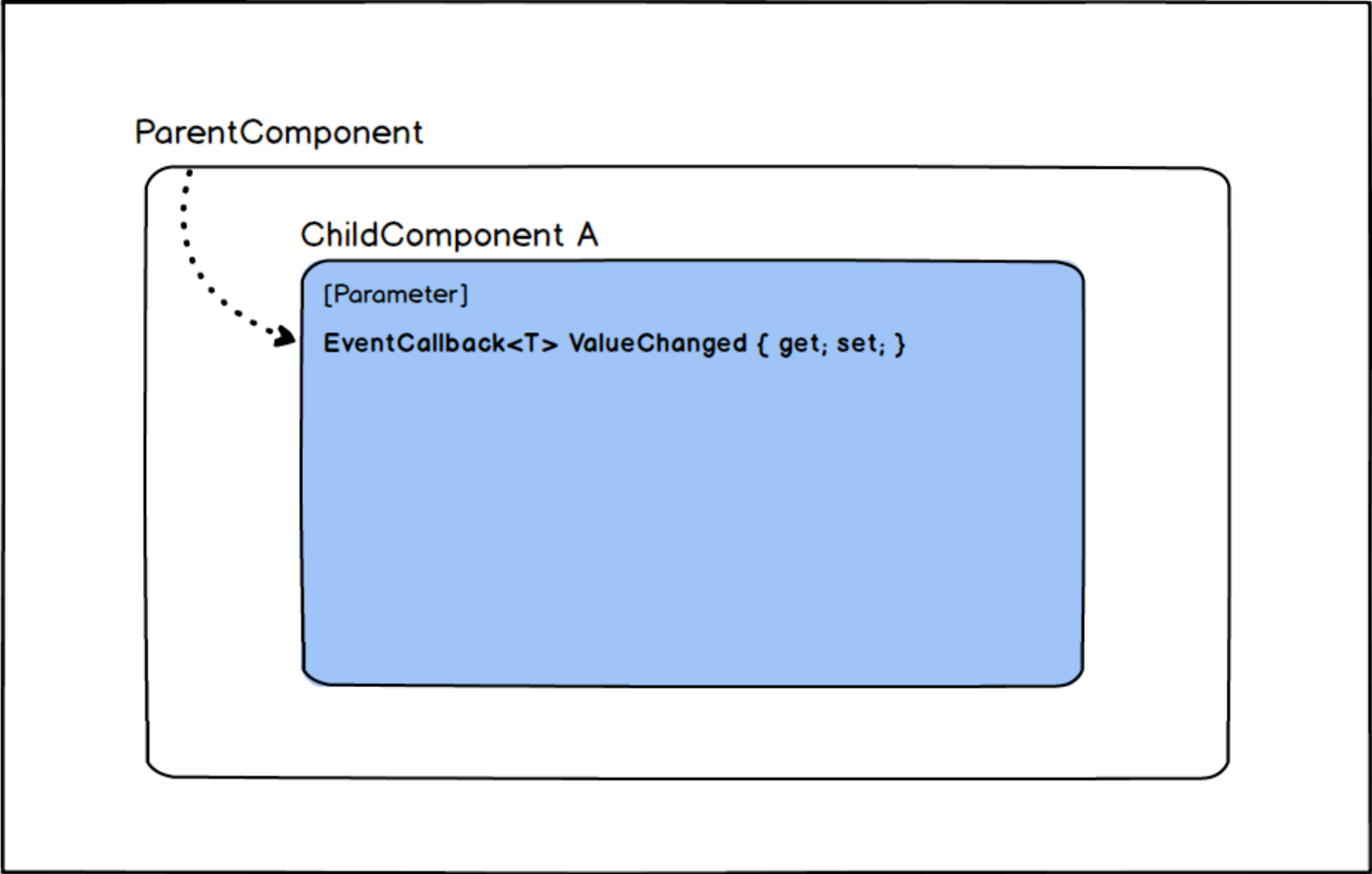
Page

ParentComponent

ChildComponent A

[Parameter]

EventCallback<T> ValueChanged { get; set; }

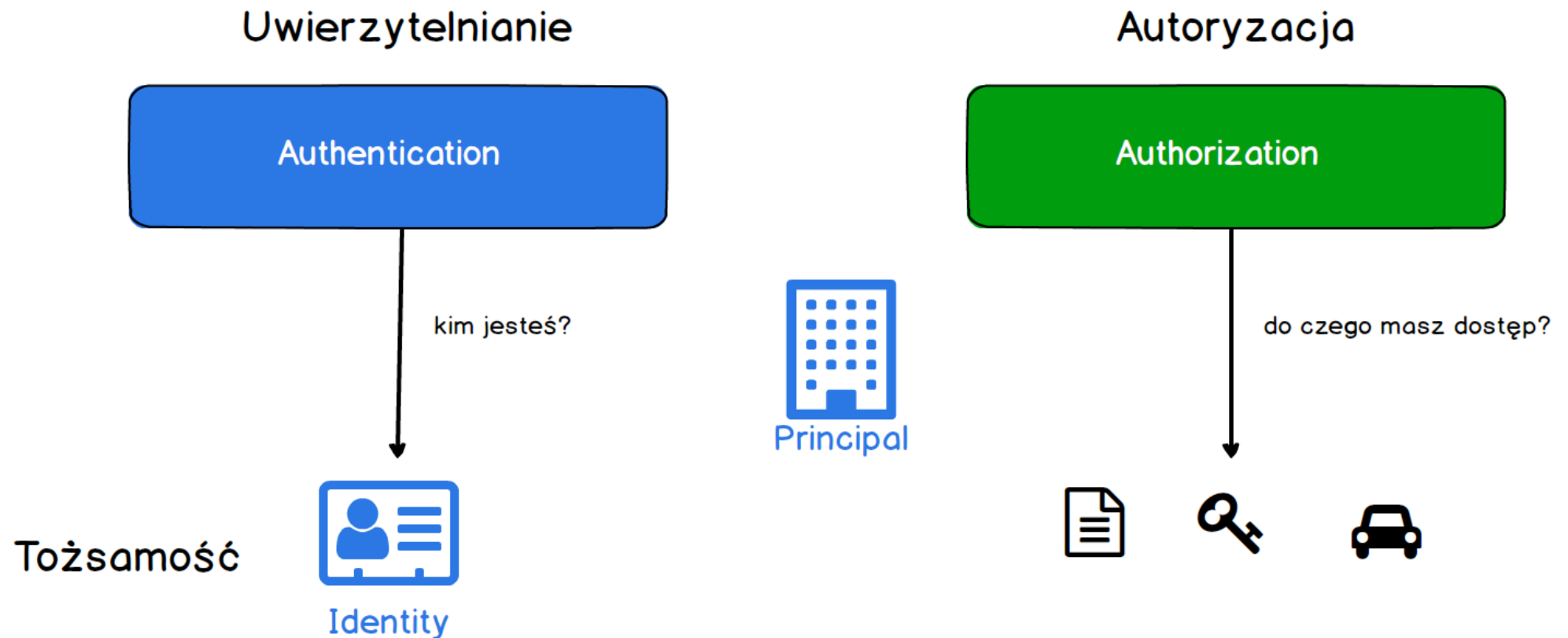




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Authentication Authorization

# Authentication / Authorization



`.UseAuthentication()`

`.UseAuthorization()`

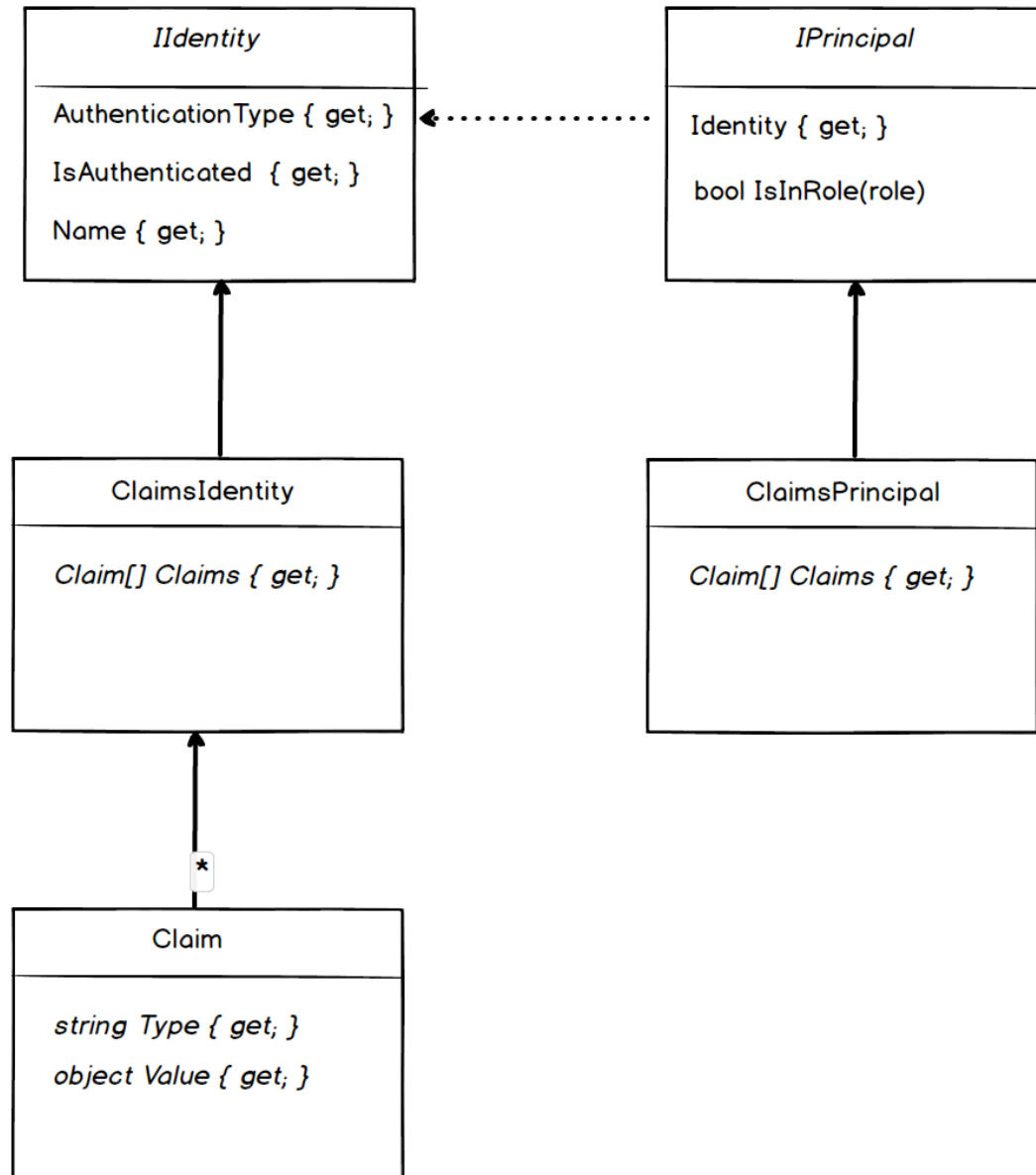
## IIdentity vs IPrincipal



Identity



Principal



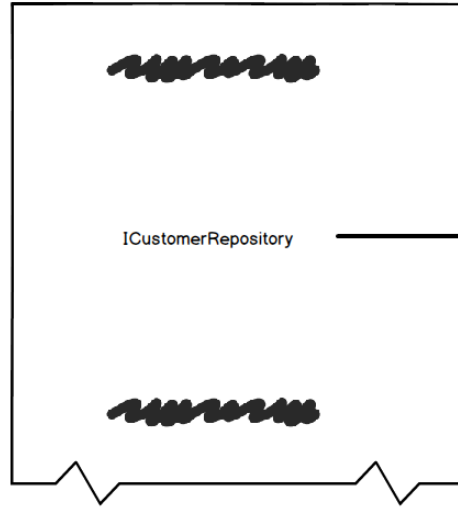
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# Dependency Injection

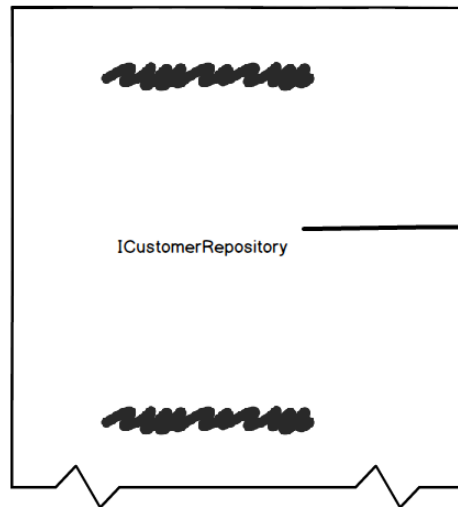
*ICustomerRepository*

GetAll()

@Page "/customers"



@Page "/customer"



DbCustomerRepository

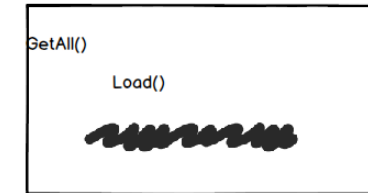
GetAll()



FileCustomerRepository

GetAll()

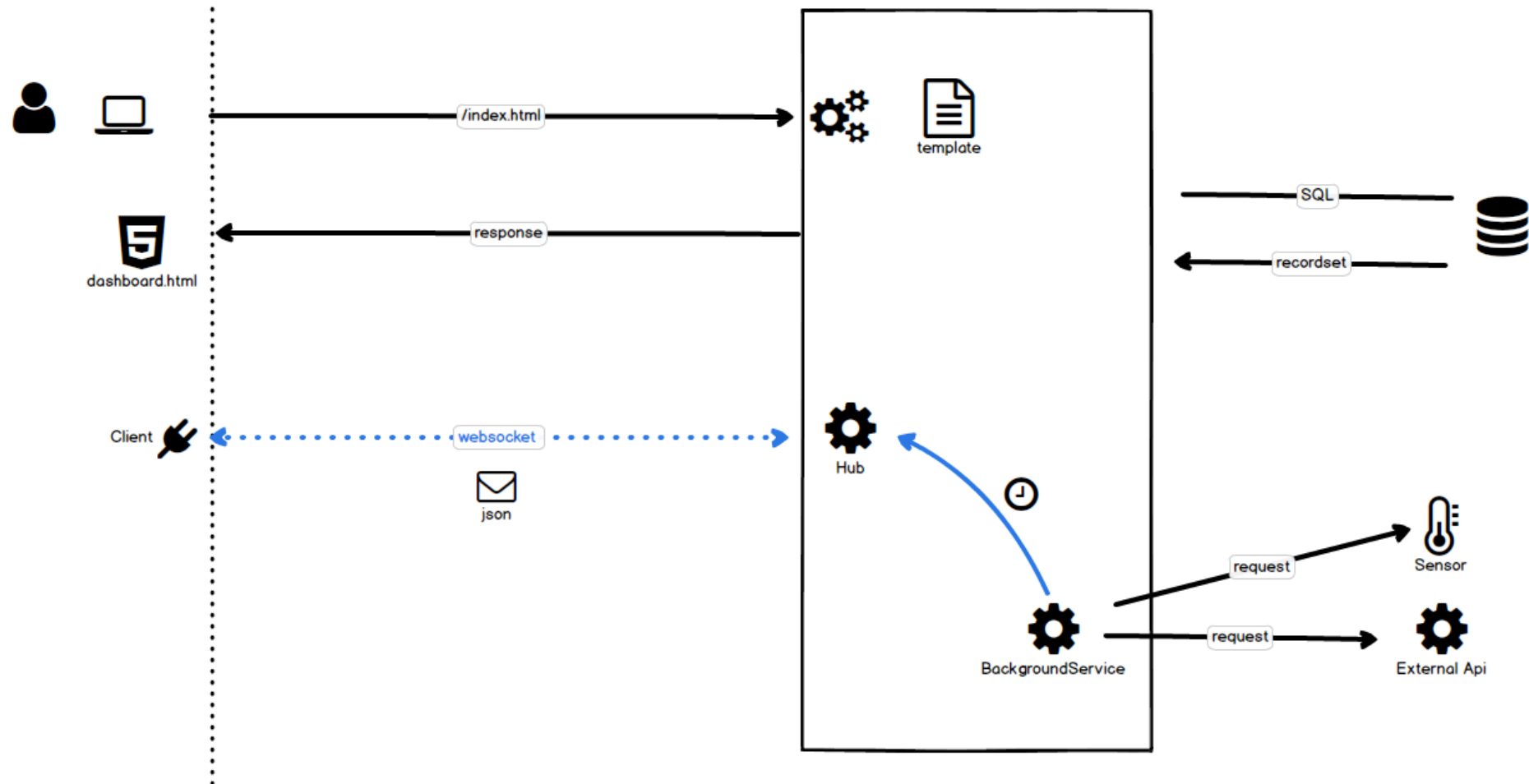
Load()



---

# Real Time Communication

# Signal-R

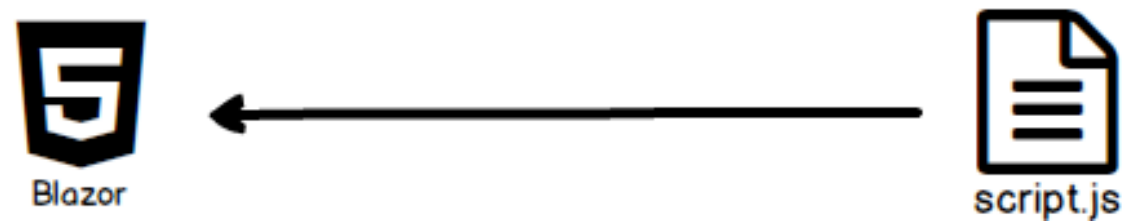
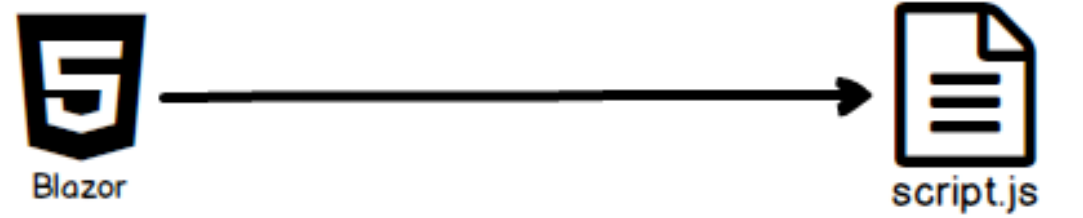


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Blazor ❤️ JS



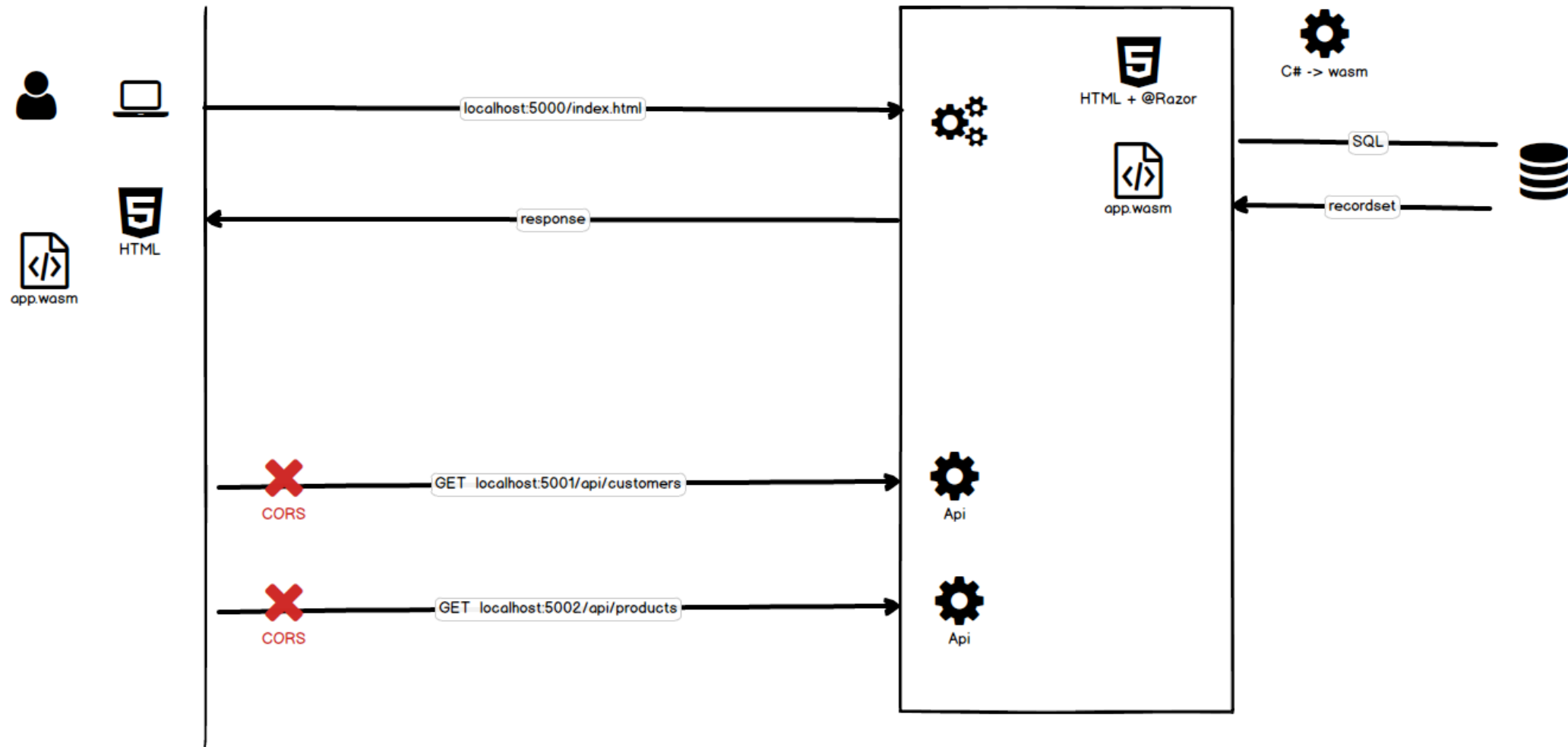
\_\_\_\_\_



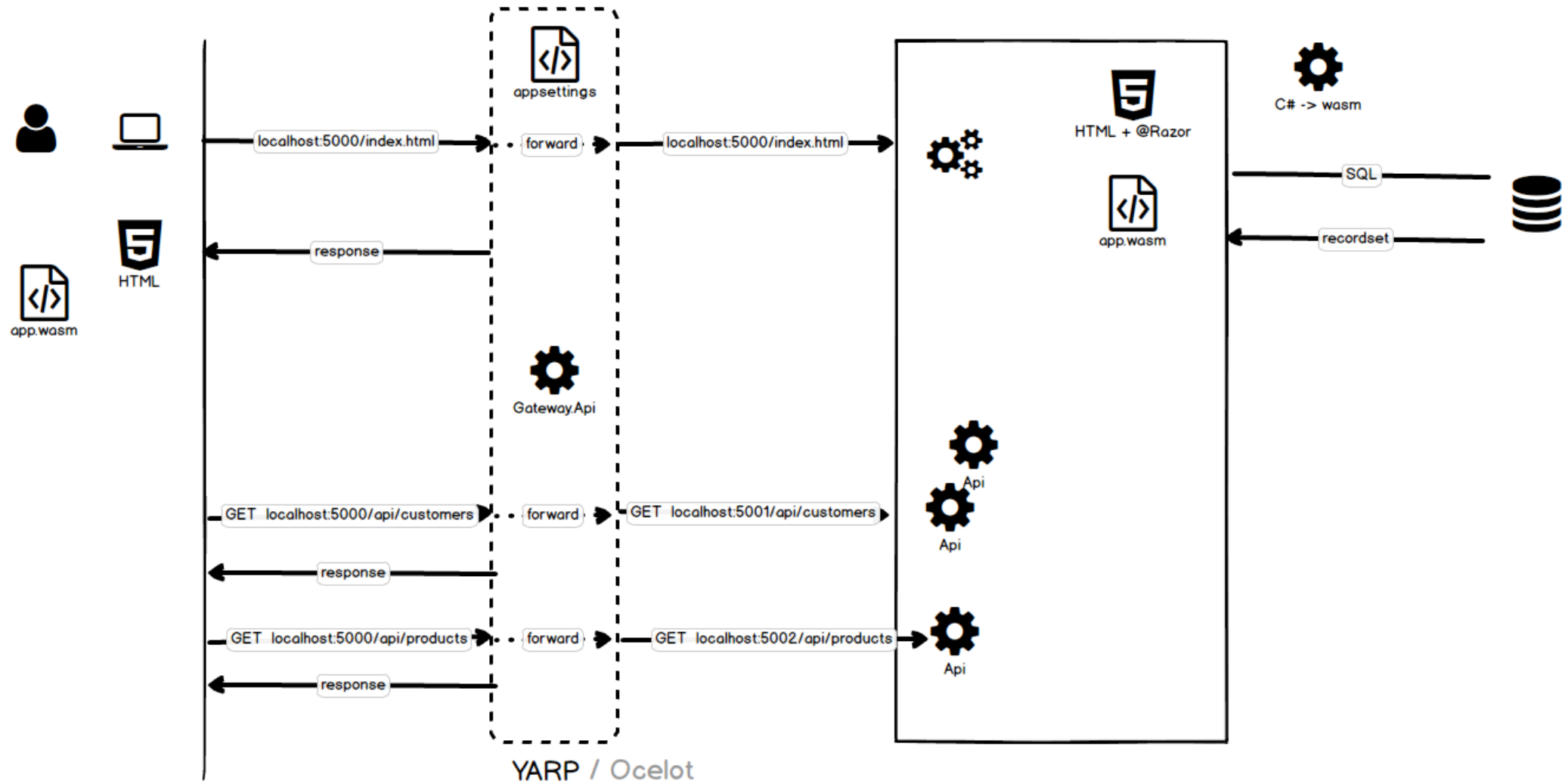


Gateway API

# CORS (Cross-Origin Resource Sharing)



# Gateway API



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Zadania

Zadanie #1 Lista produktów

A Web Page

http://localhost:5000/products

Q

Product List

Name	Color	Price	
Produkt 1	red	100	<a href="#">View</a>
Produkt 2	blue	90	<a href="#">View</a>
Produkt 3	green	100	<a href="#">View</a>
Produkt 4	red	50	<a href="#">View</a>
Produkt 5	red	20	<a href="#">View</a>



http://localhost:5000/products/1



# Product1

Color:

200 zł



Zadanie #2 Dashboard





