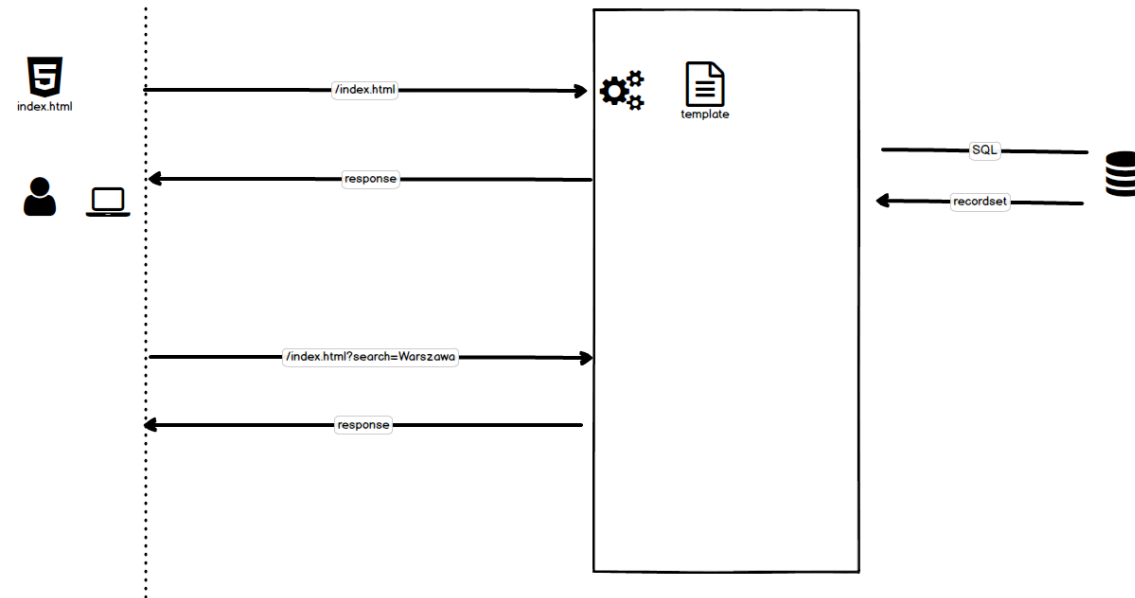


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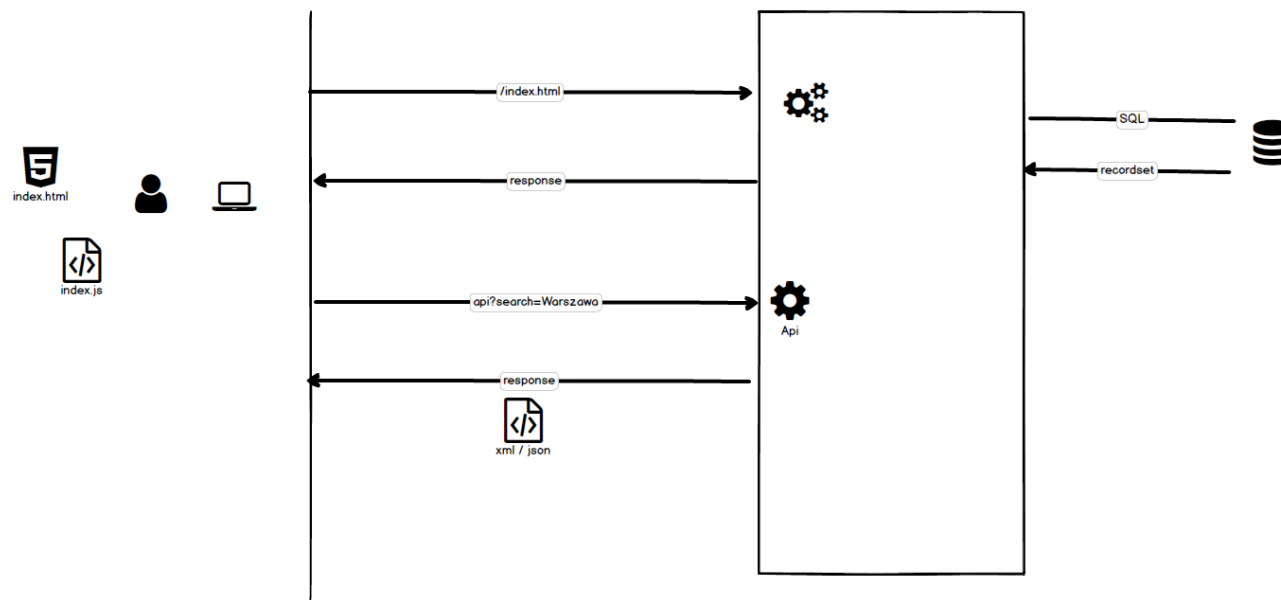
Blazor

# Architecture

## Server Side Rendering (SSR)

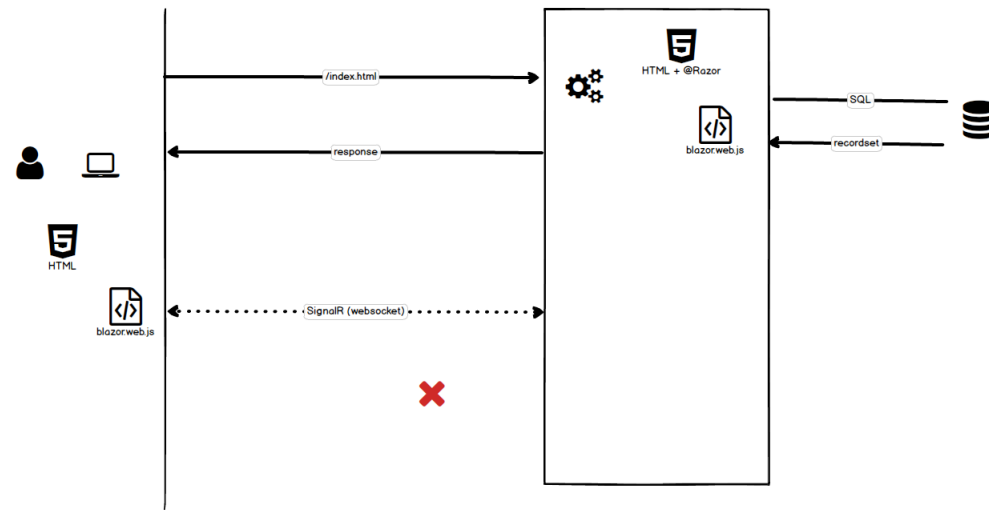


## Client Side Rendering (CSR) / SPA (Single Page Application)

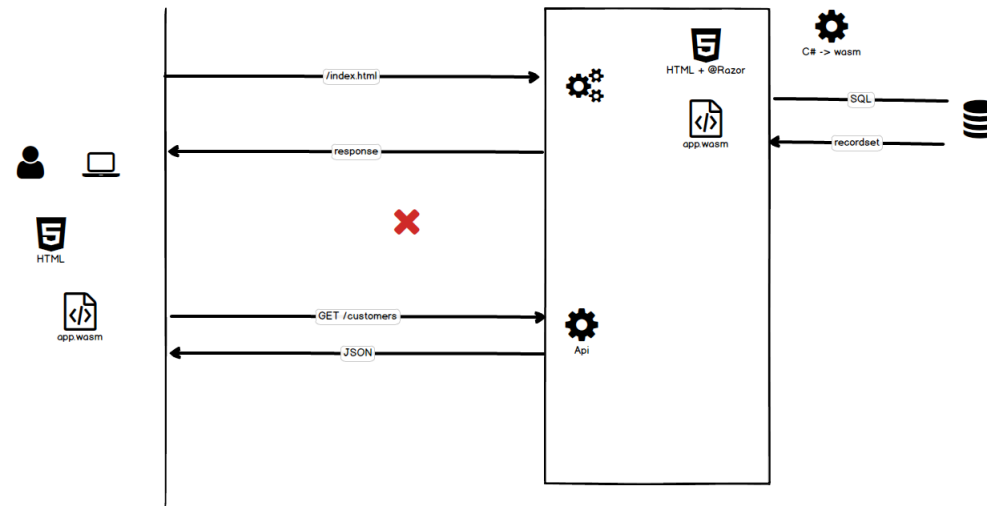


## Blazor Hosting Models

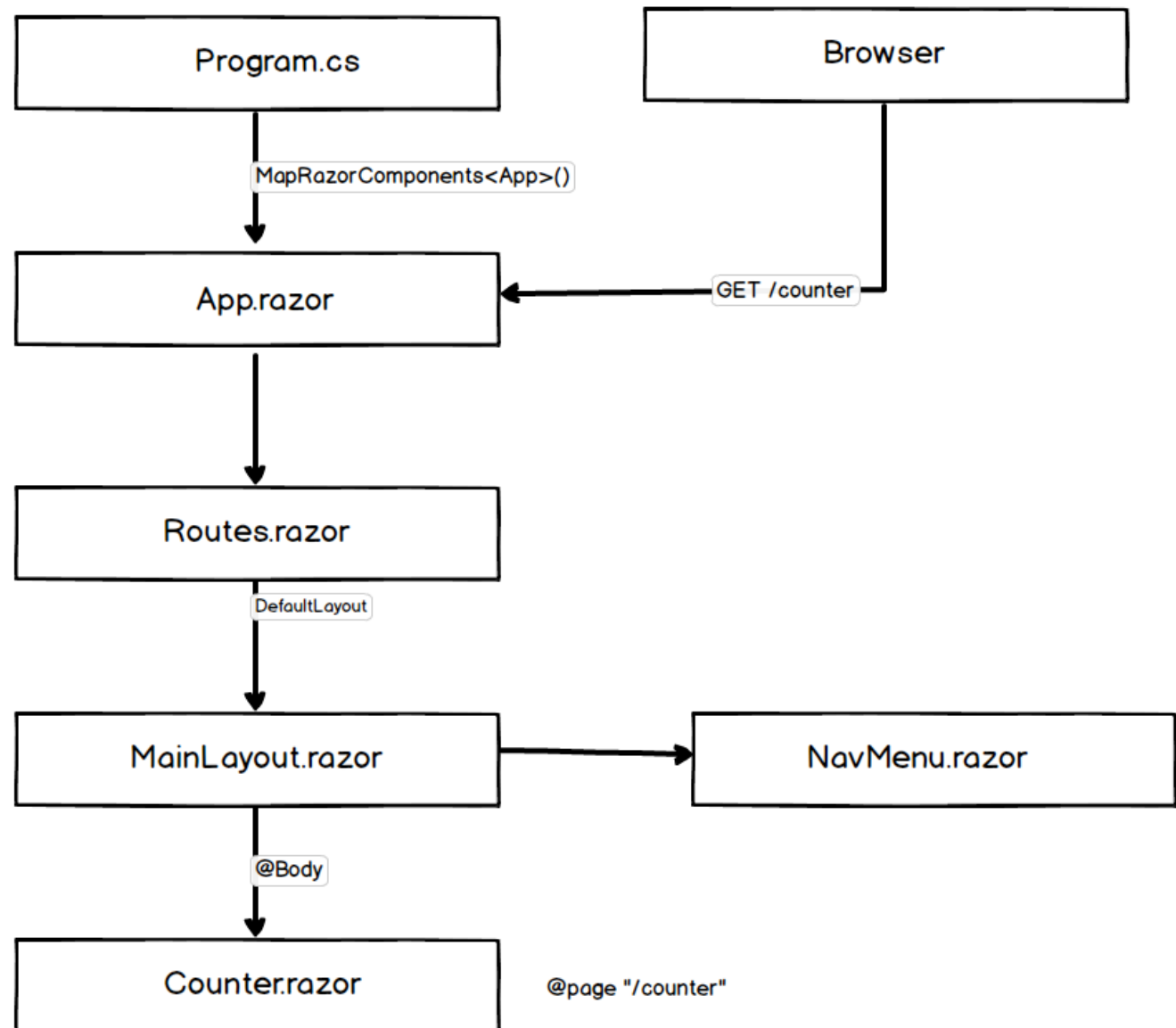
Blazor Server (Blazor Server-Side)



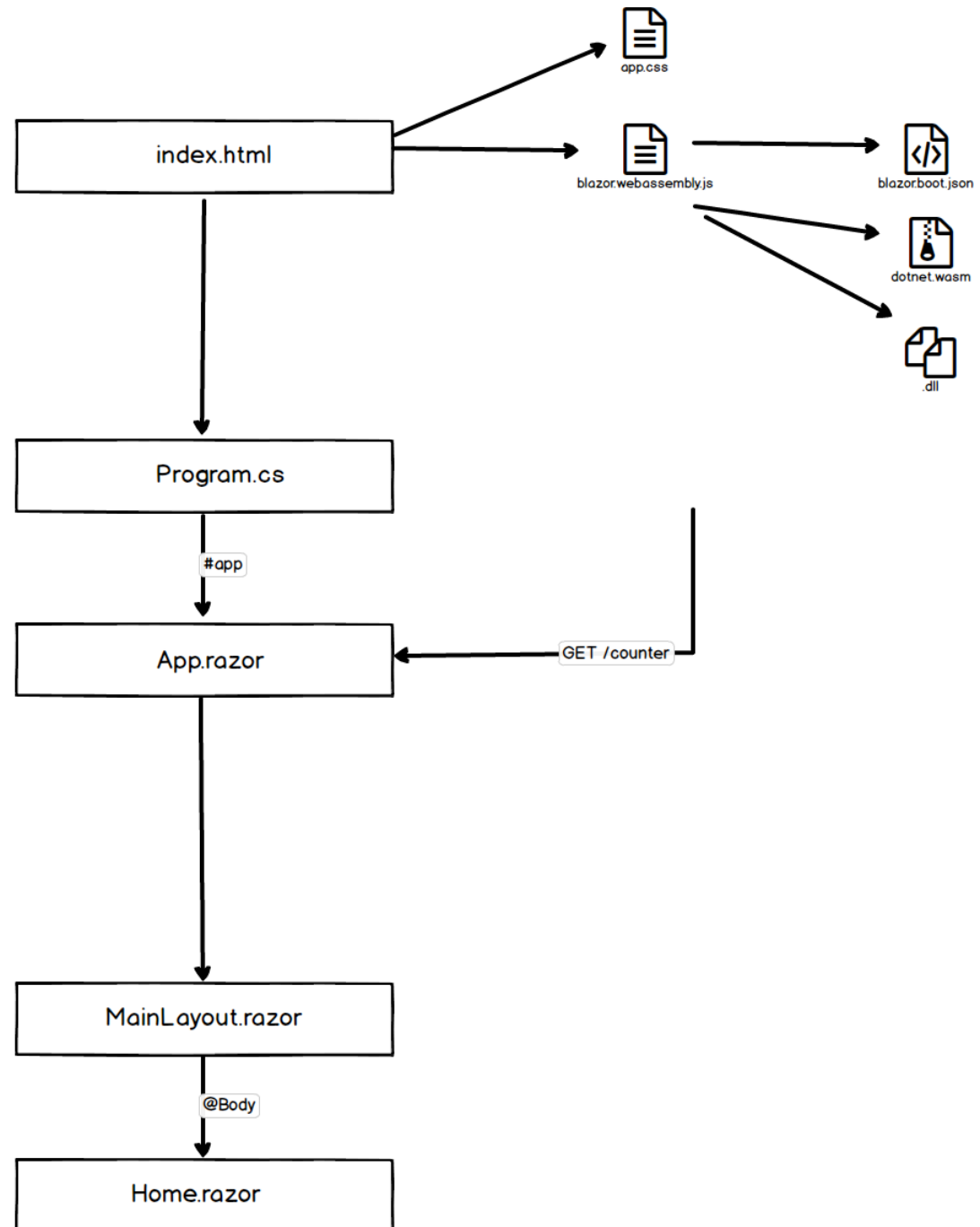
Blazor Web Assembly (Blazor Client-Side)



## Project Structure - Blazor Server



# Blazor Web Assembly

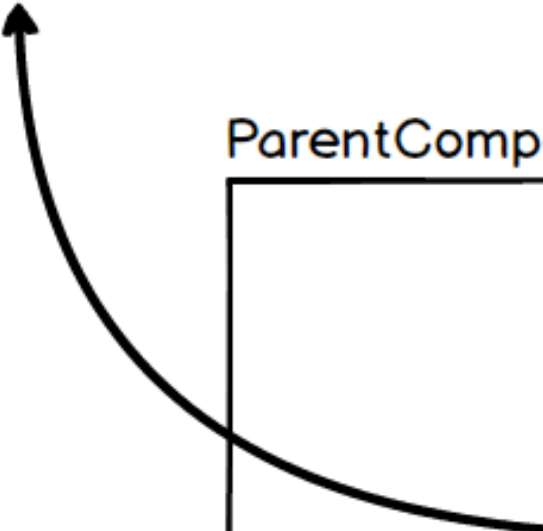


CascadingValue

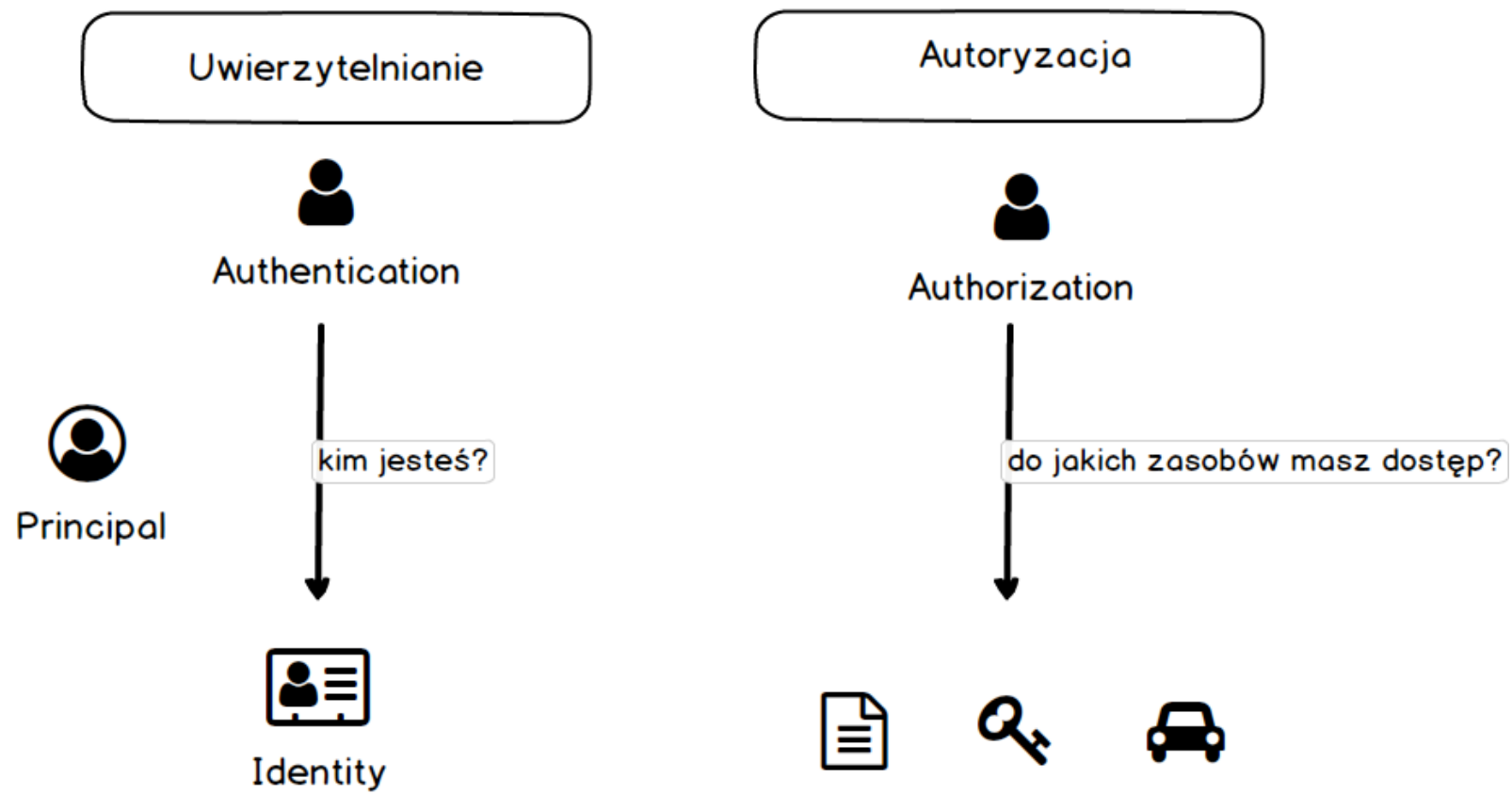
ParentComponent

ChildComponent

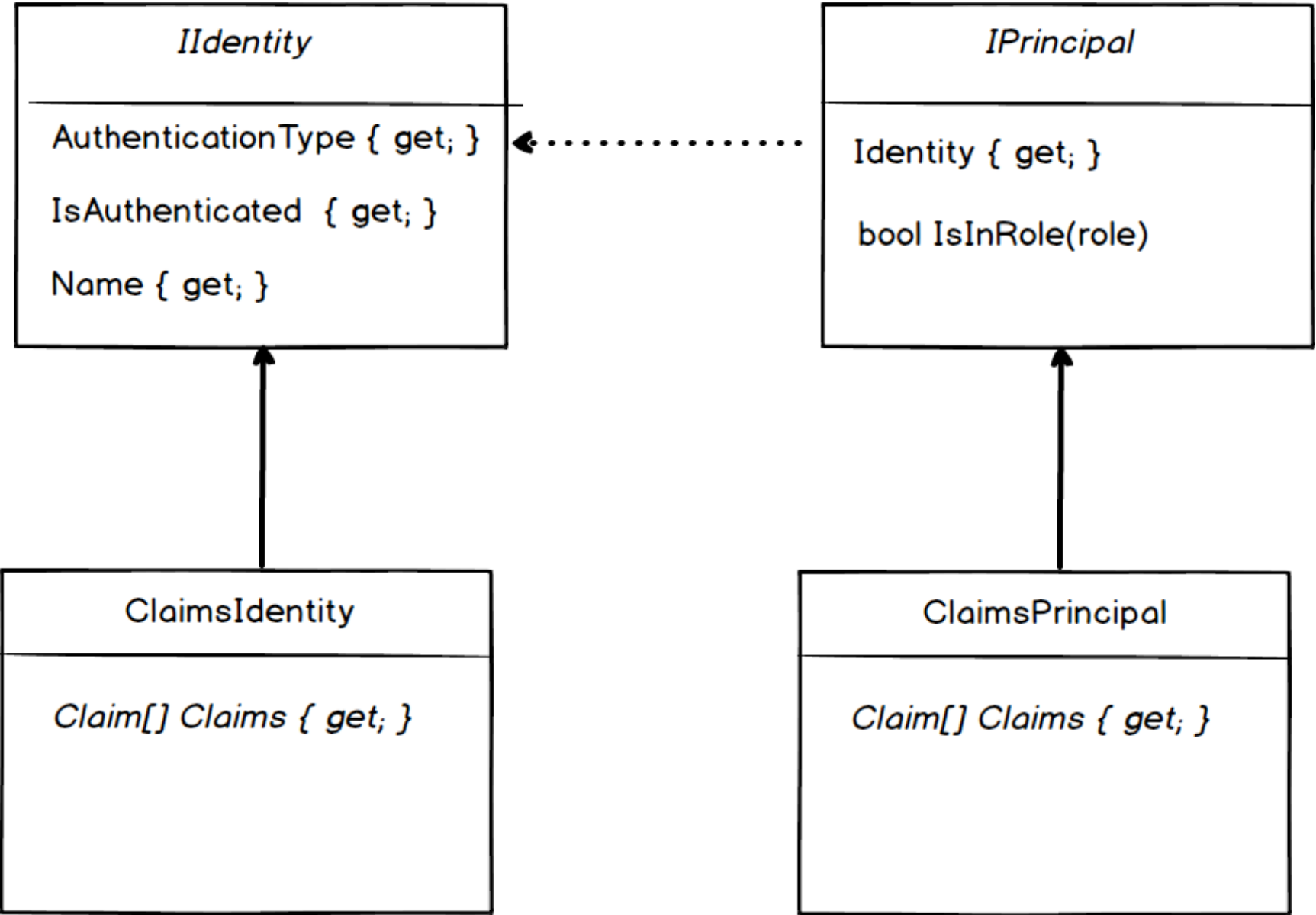
[CascadingParameter]  
string



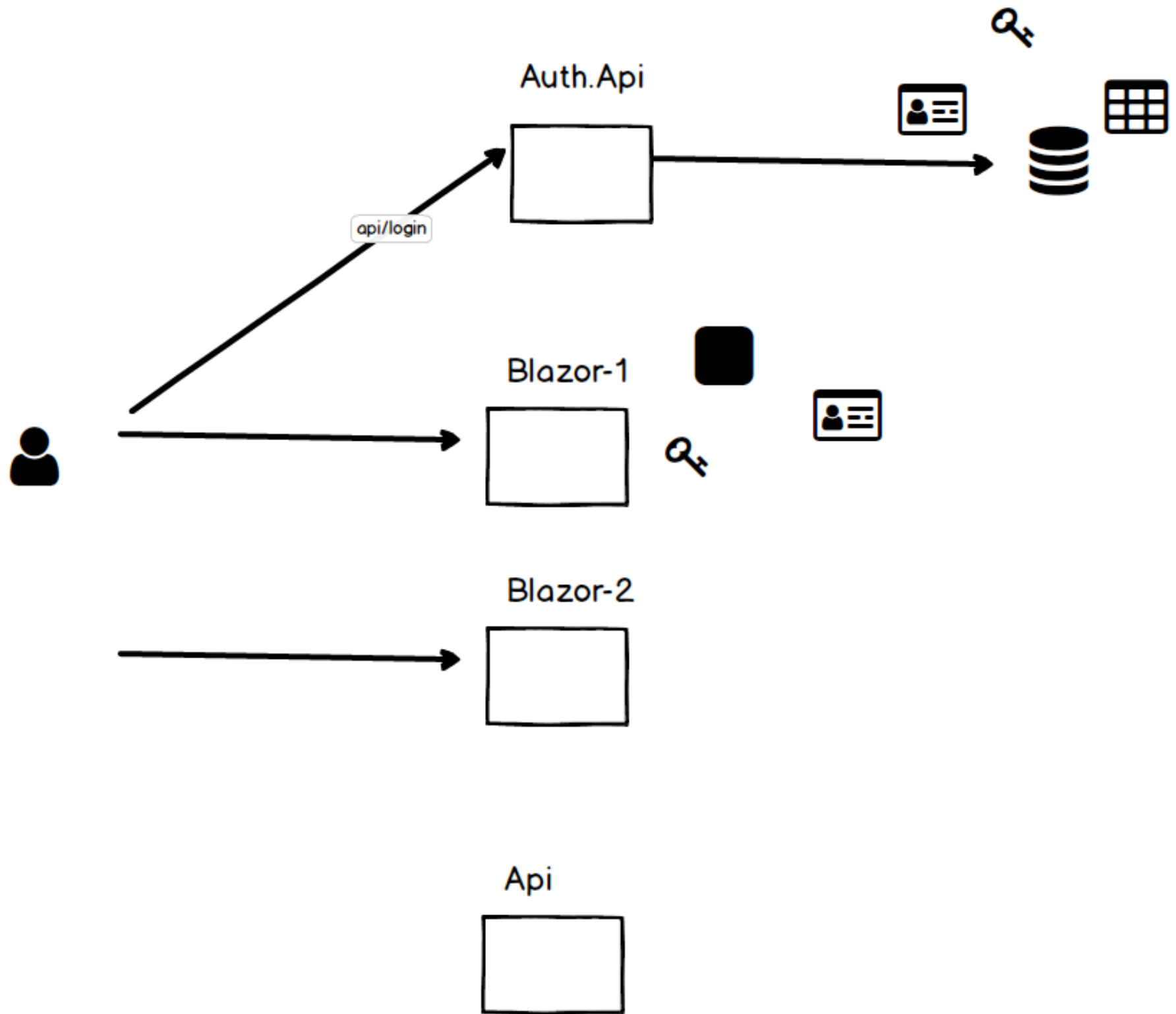
Authentication vs Authorization



IIdentity vs IPrincipal



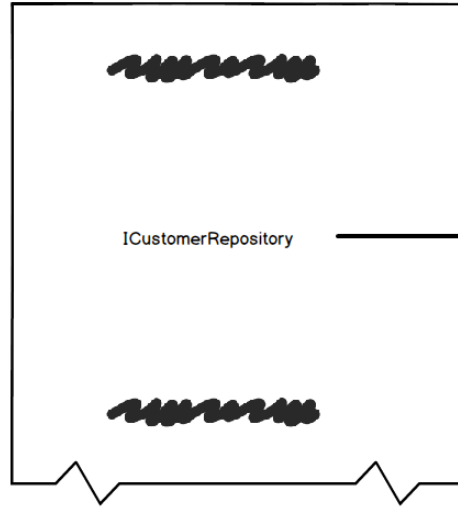




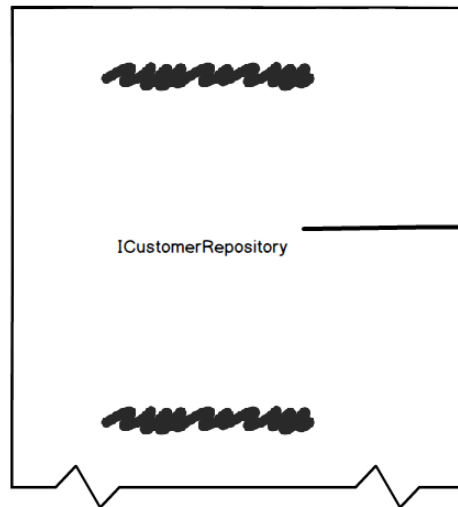
*ICustomerRepository*

GetAll()

@Page "/customers"



@Page "/customer"



DbCustomerRepository

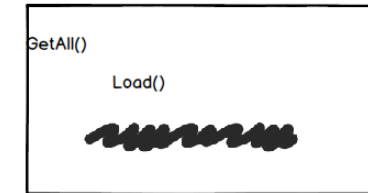
GetAll()



FileCustomerRepository

GetAll()

Load()



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

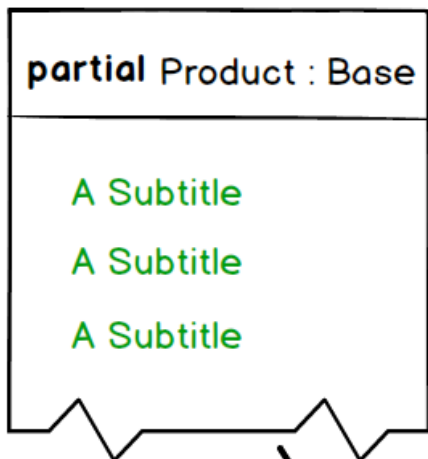


Zadanie #2 Dashboard

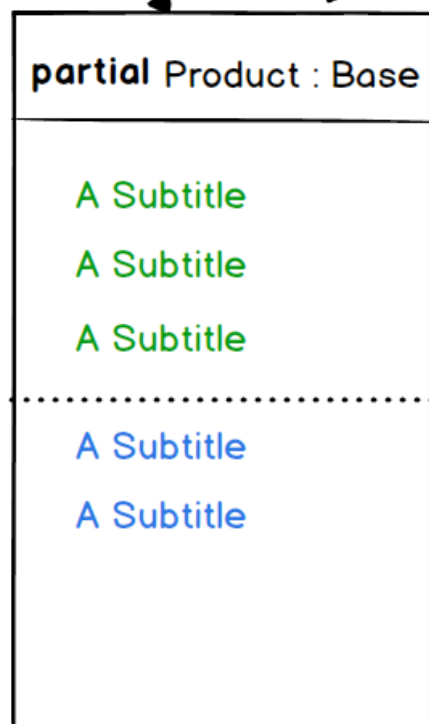
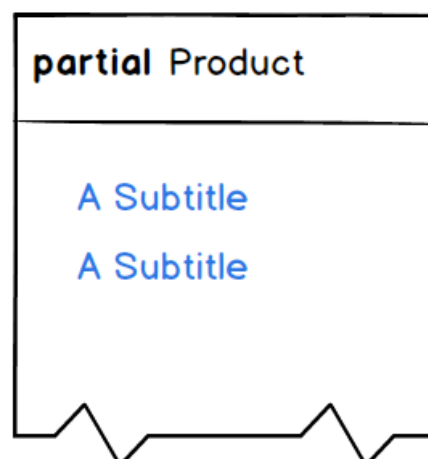




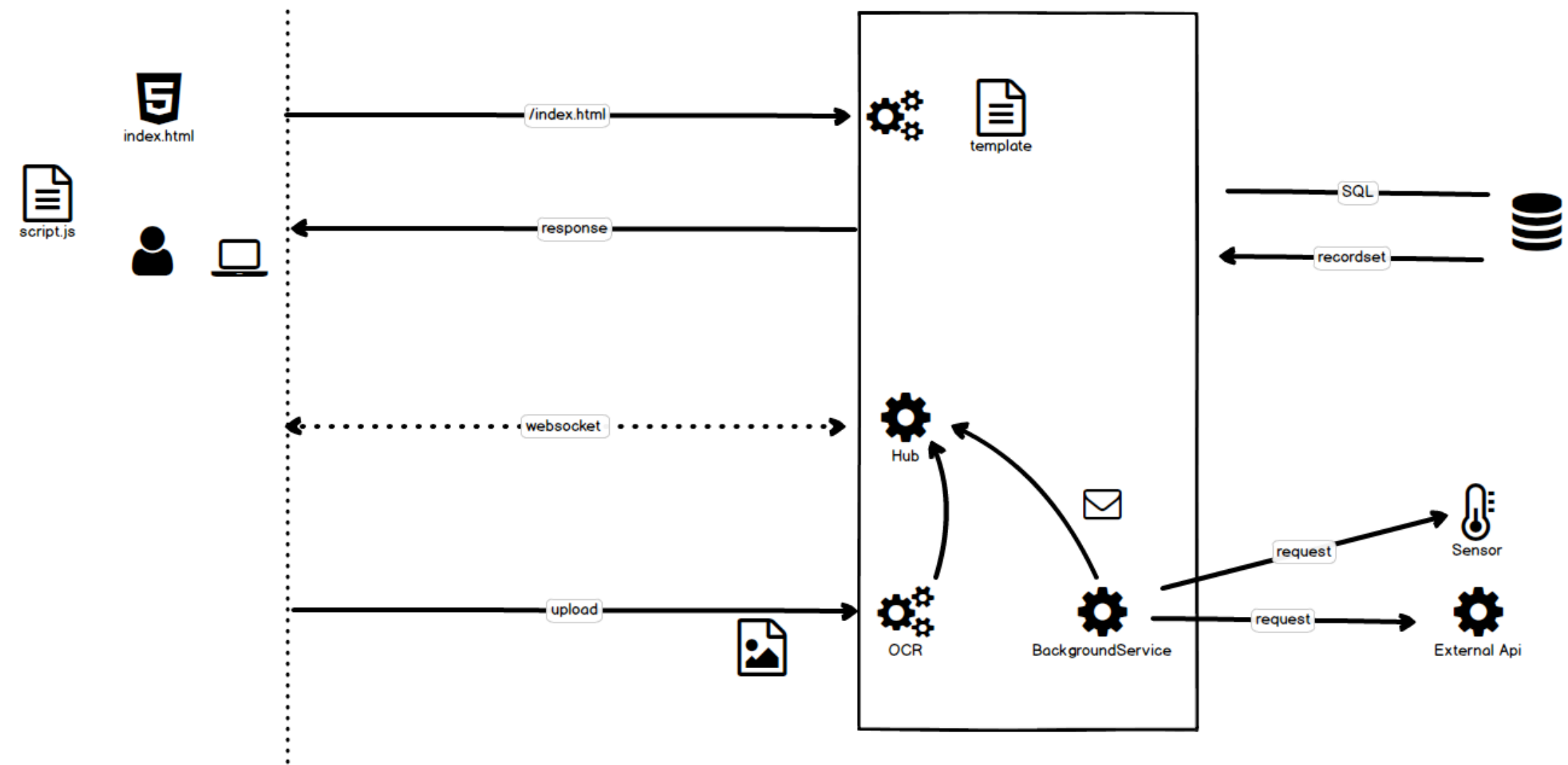
product.cs



product.g.cs



Signal-R





Blazor



script.js



Blazor



script.js