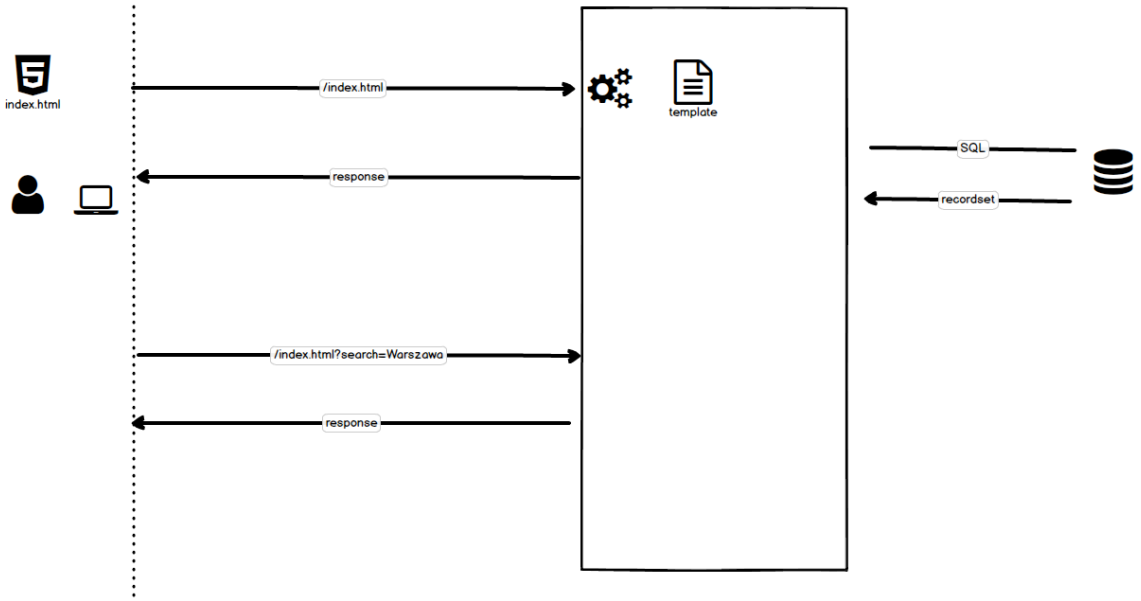
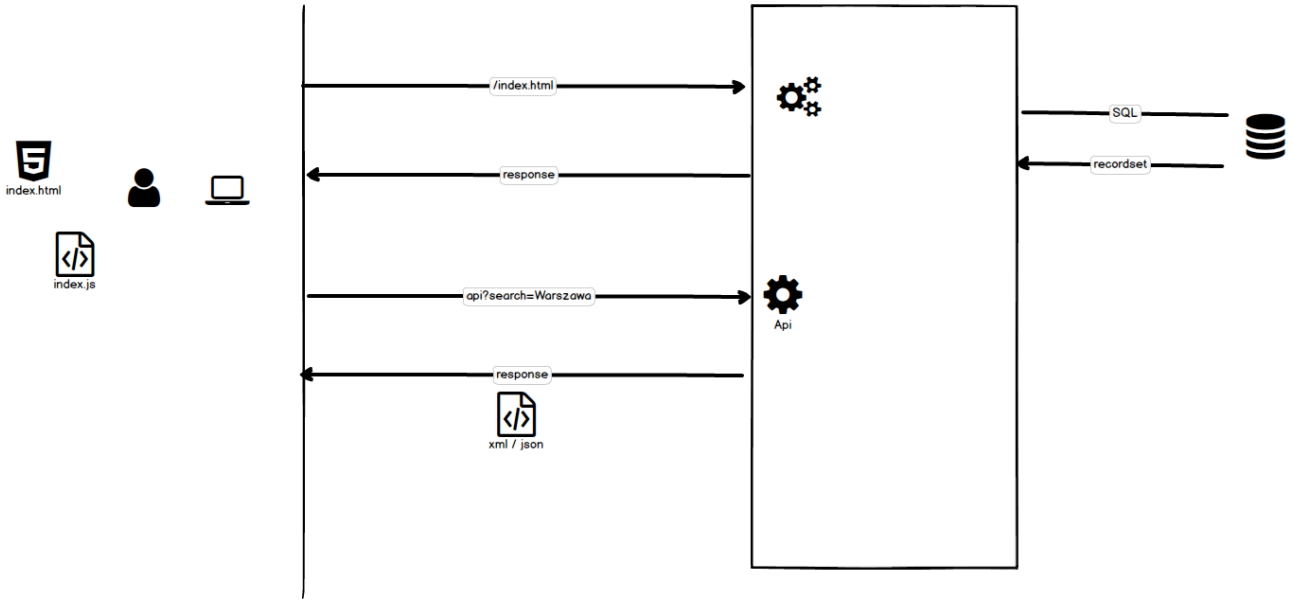
Blazor

Architecture

Server Side Rendering (SSR)

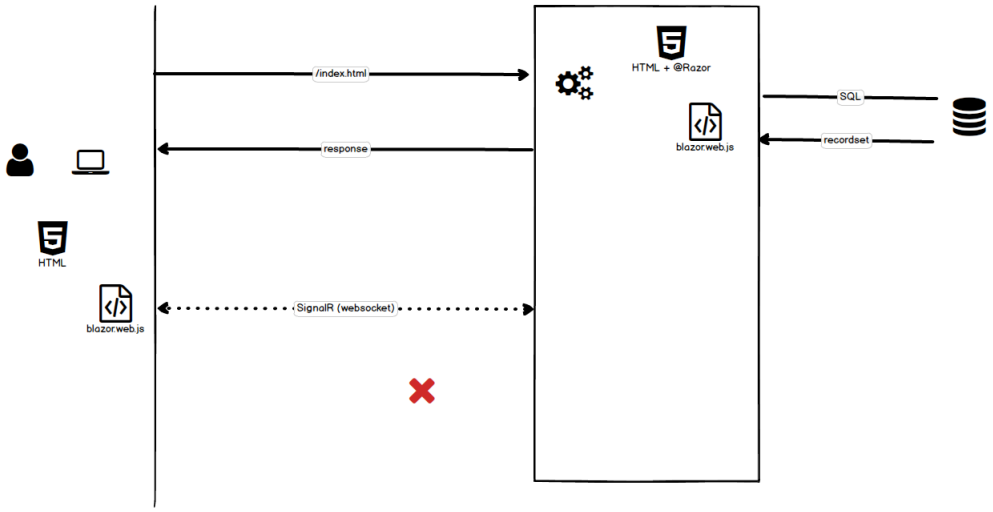


Client Side Rendering (CSR) / SPA (Single Page Application)

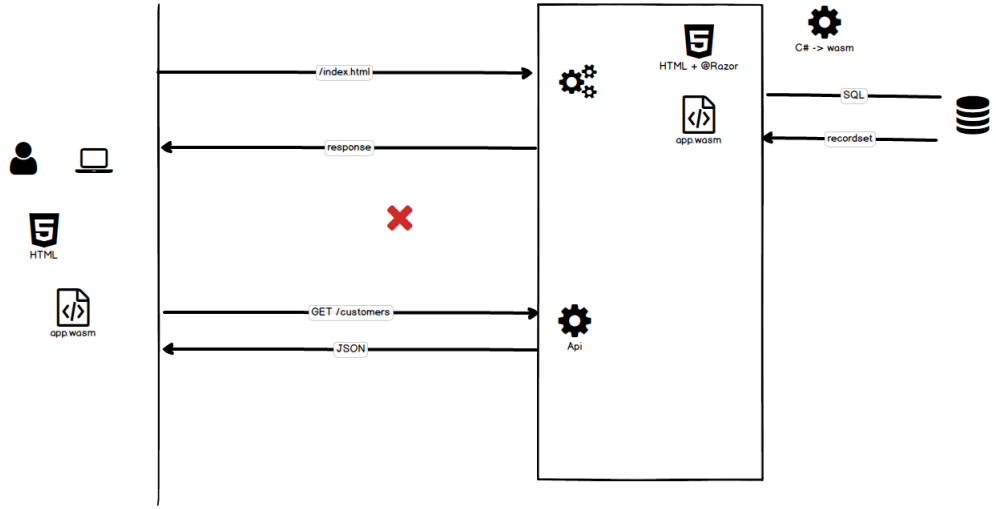


Blazor Hosting Models

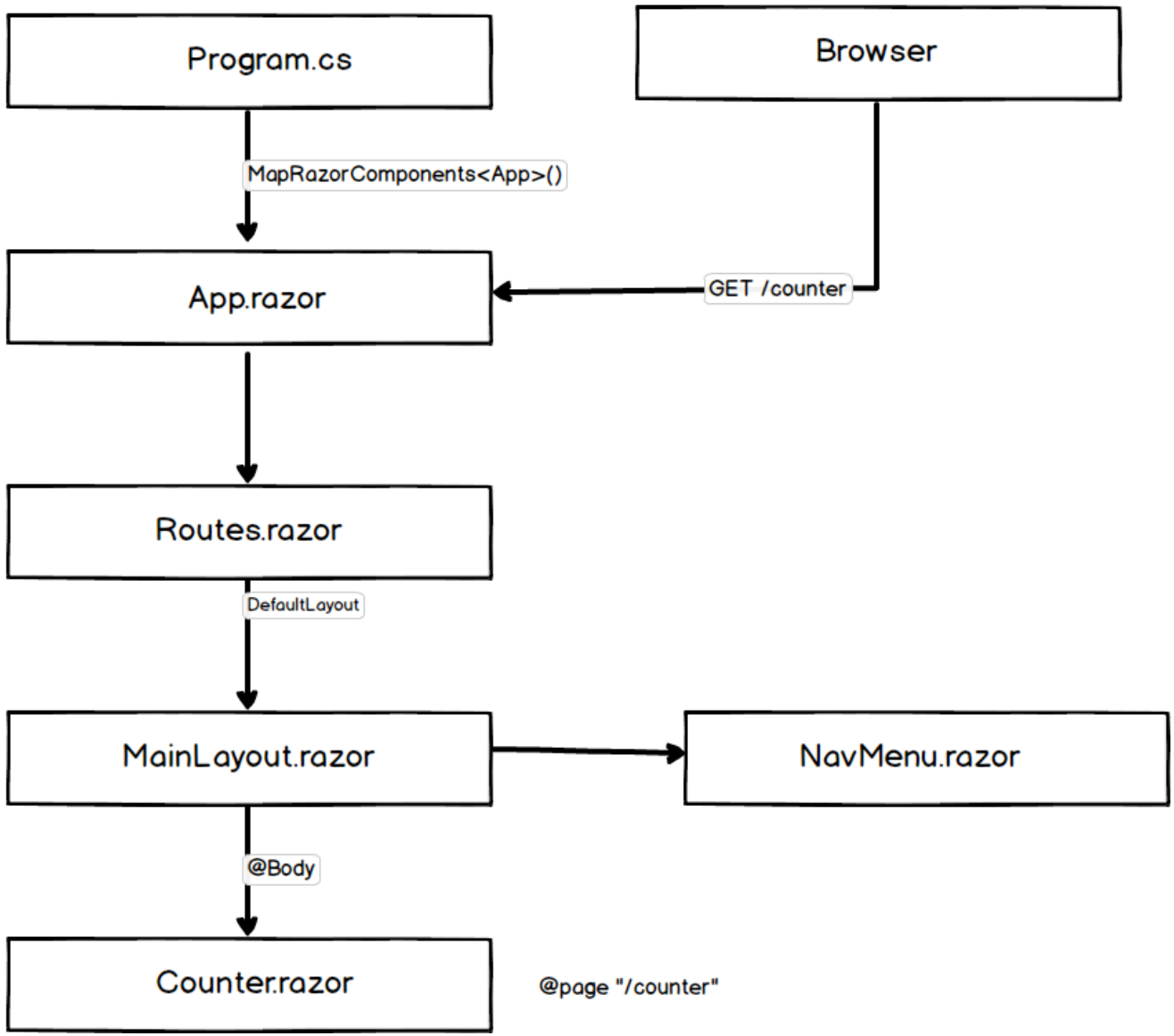
Blazor Server (Blazor Server-Side)



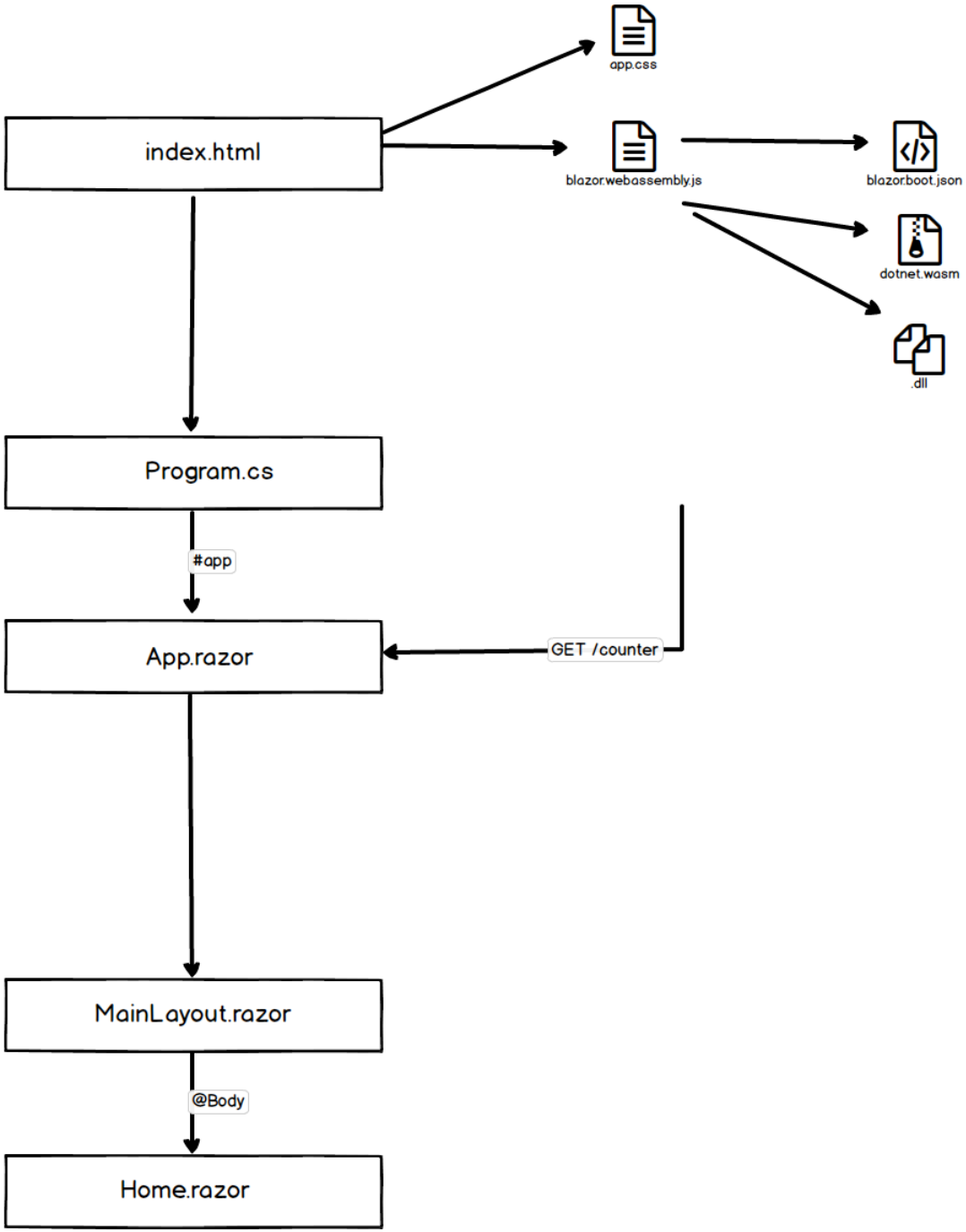
Blazor Web Assembly (Blazor Client-Side)

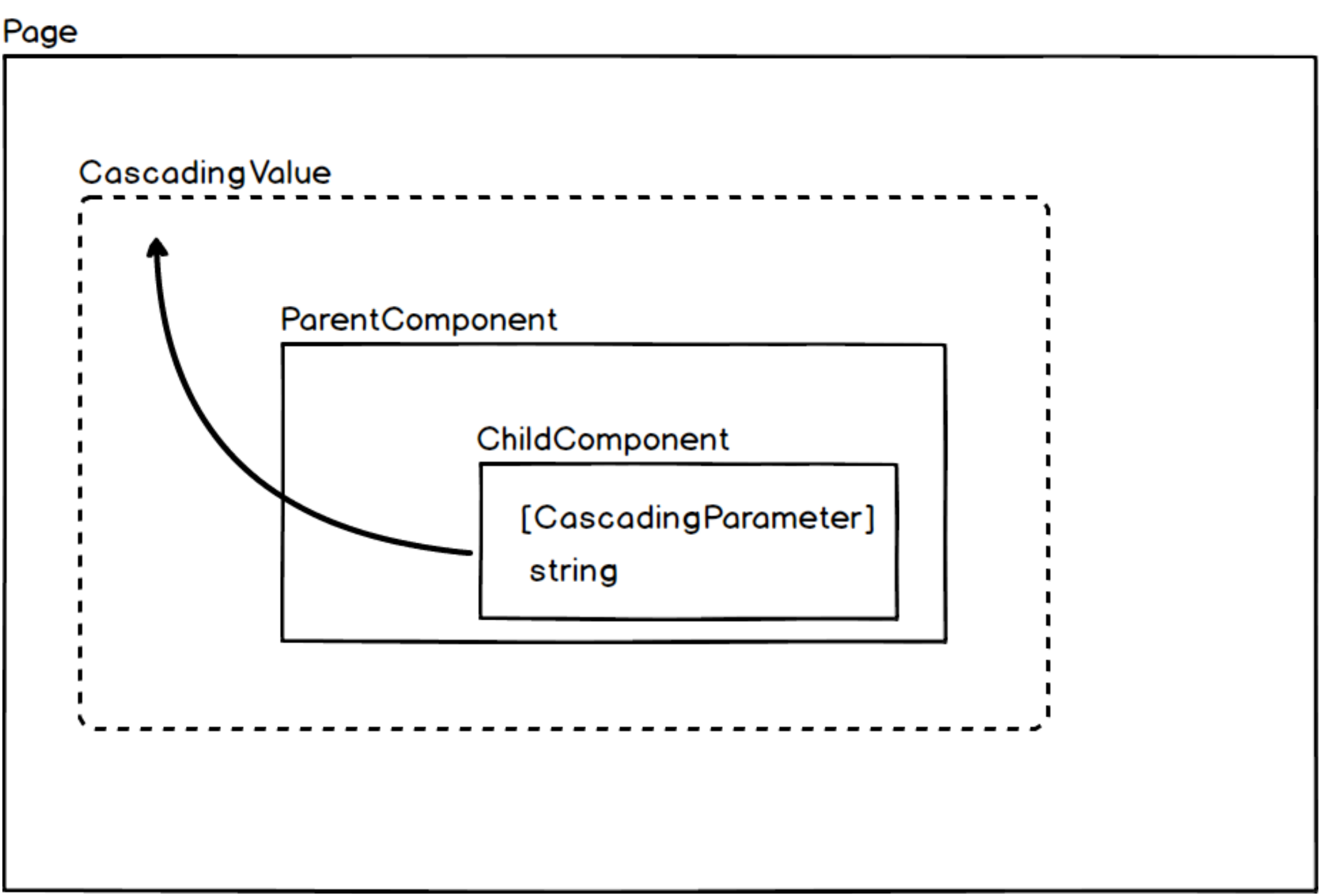


Project Structure - Blazor Server

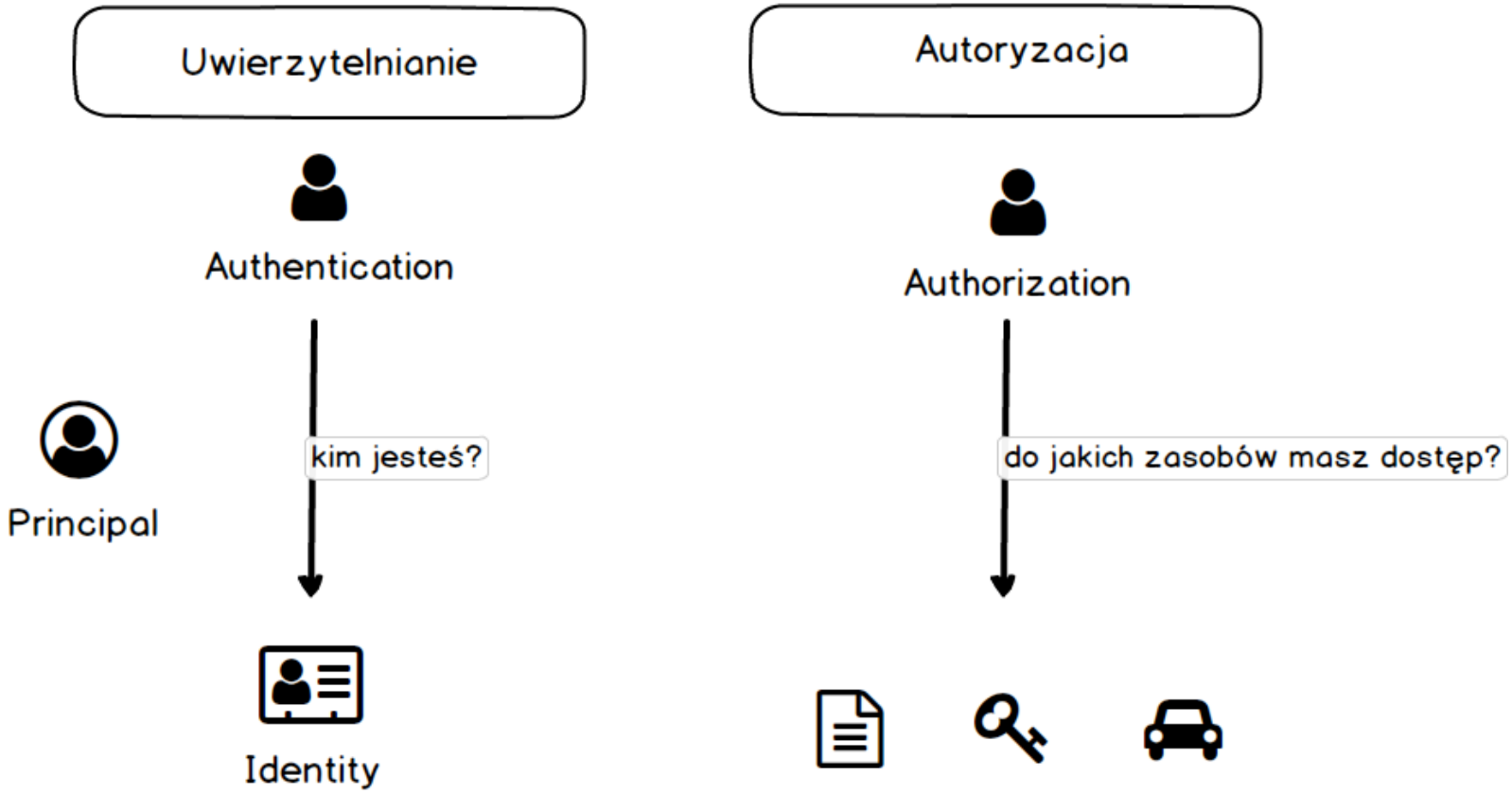


Blazor Web Assembly

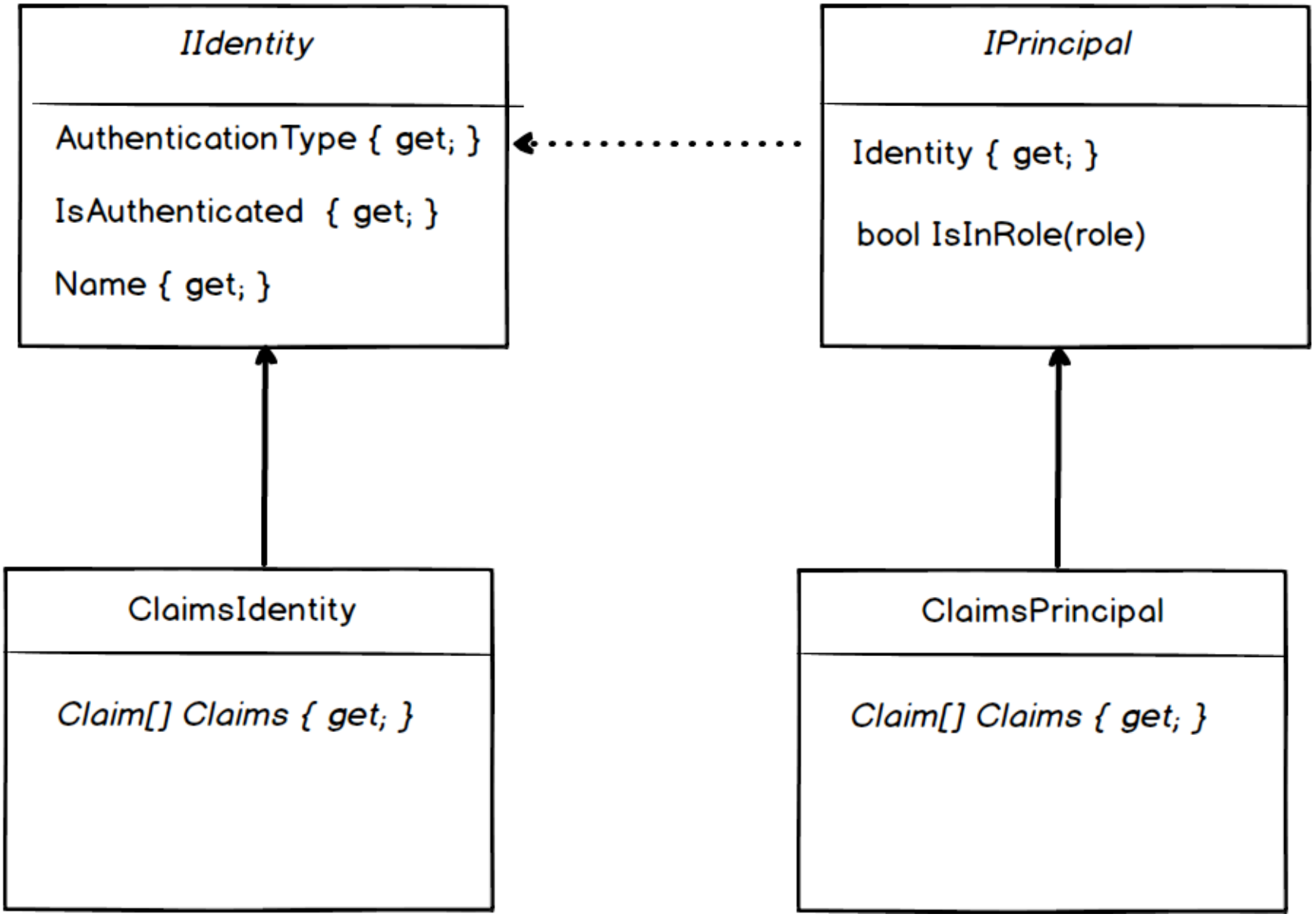


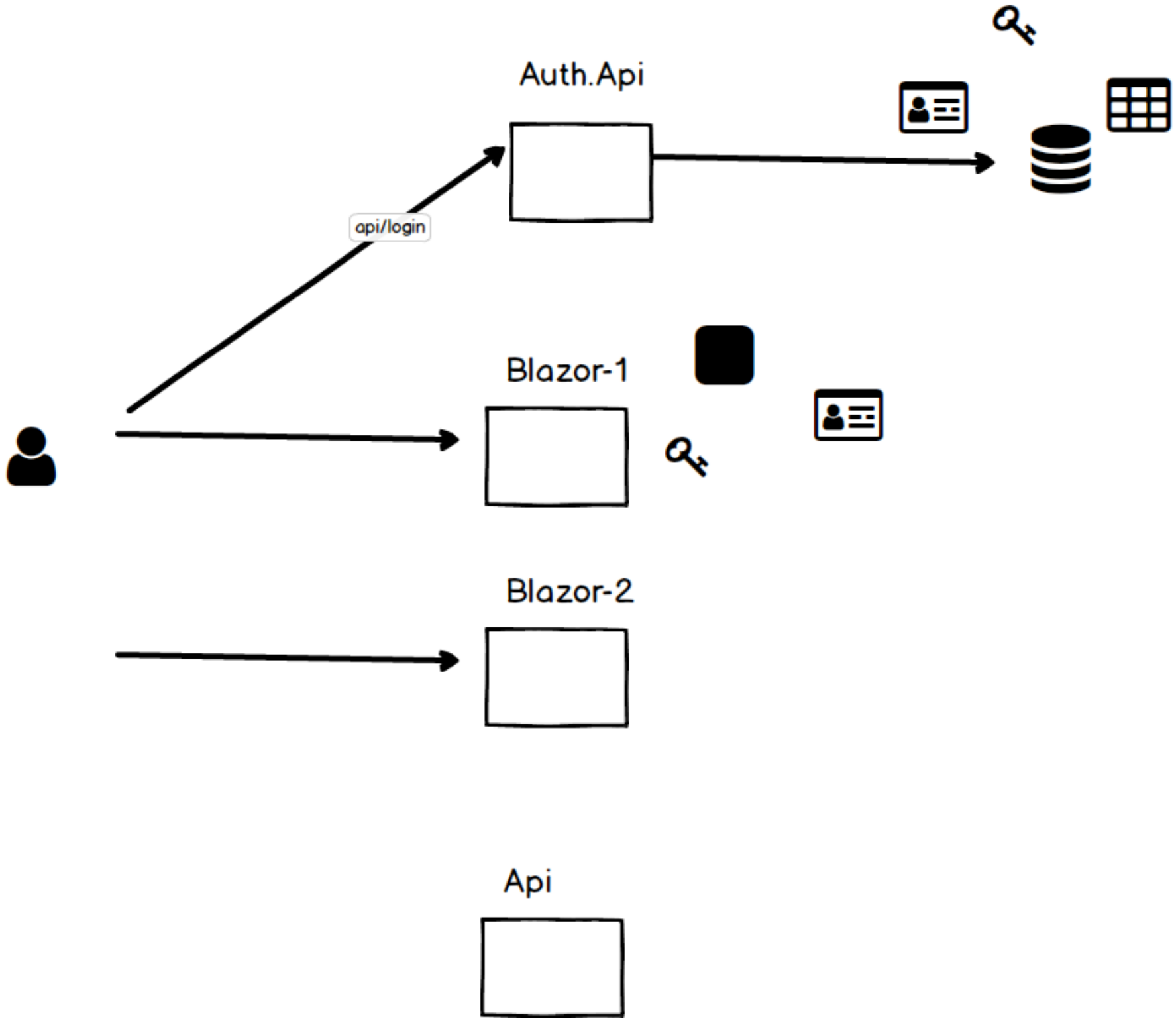

Page
CascadingValue
ParentComponent
ChildComponent
[CascadingParameter]
string

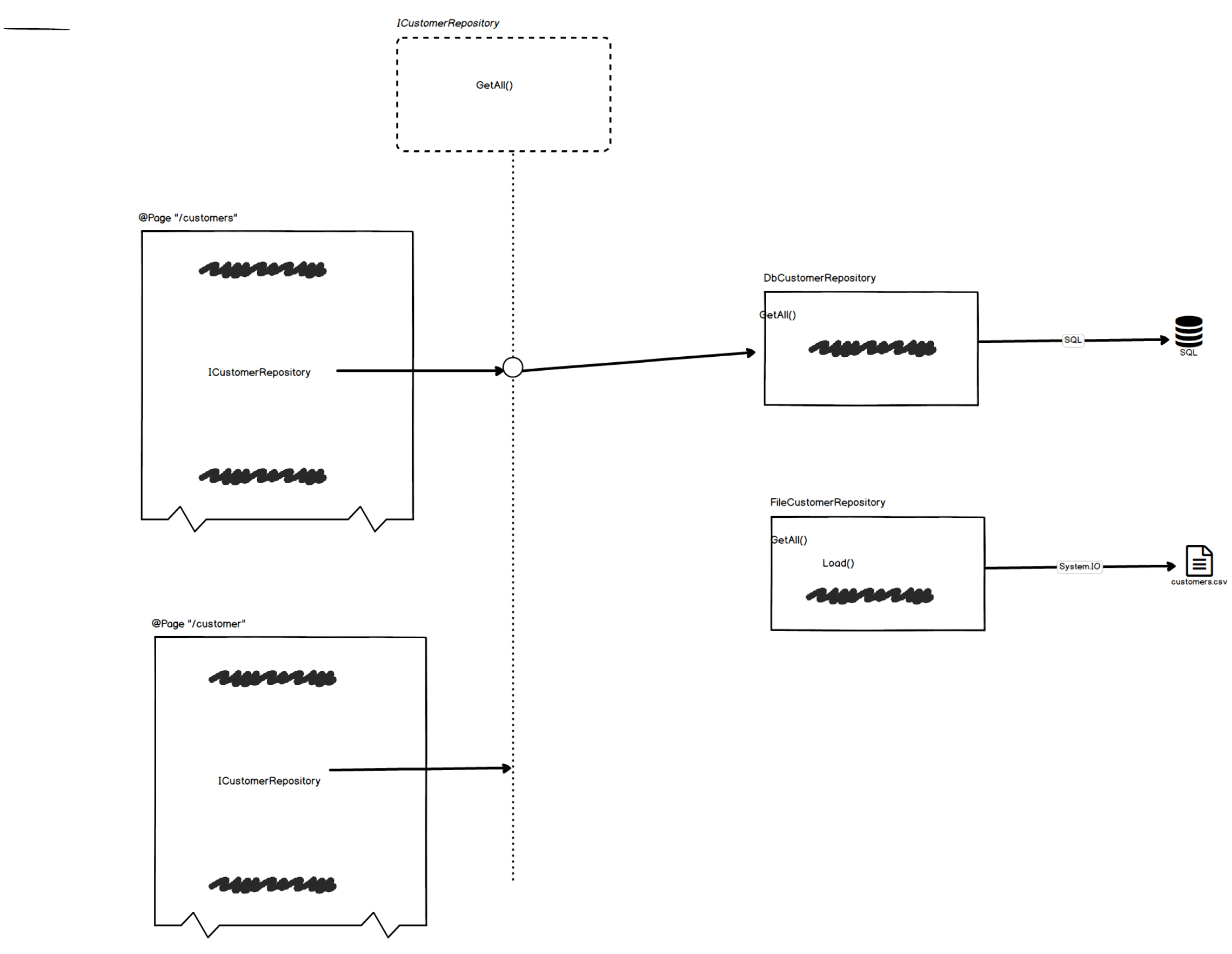
Authentication vs Authorization



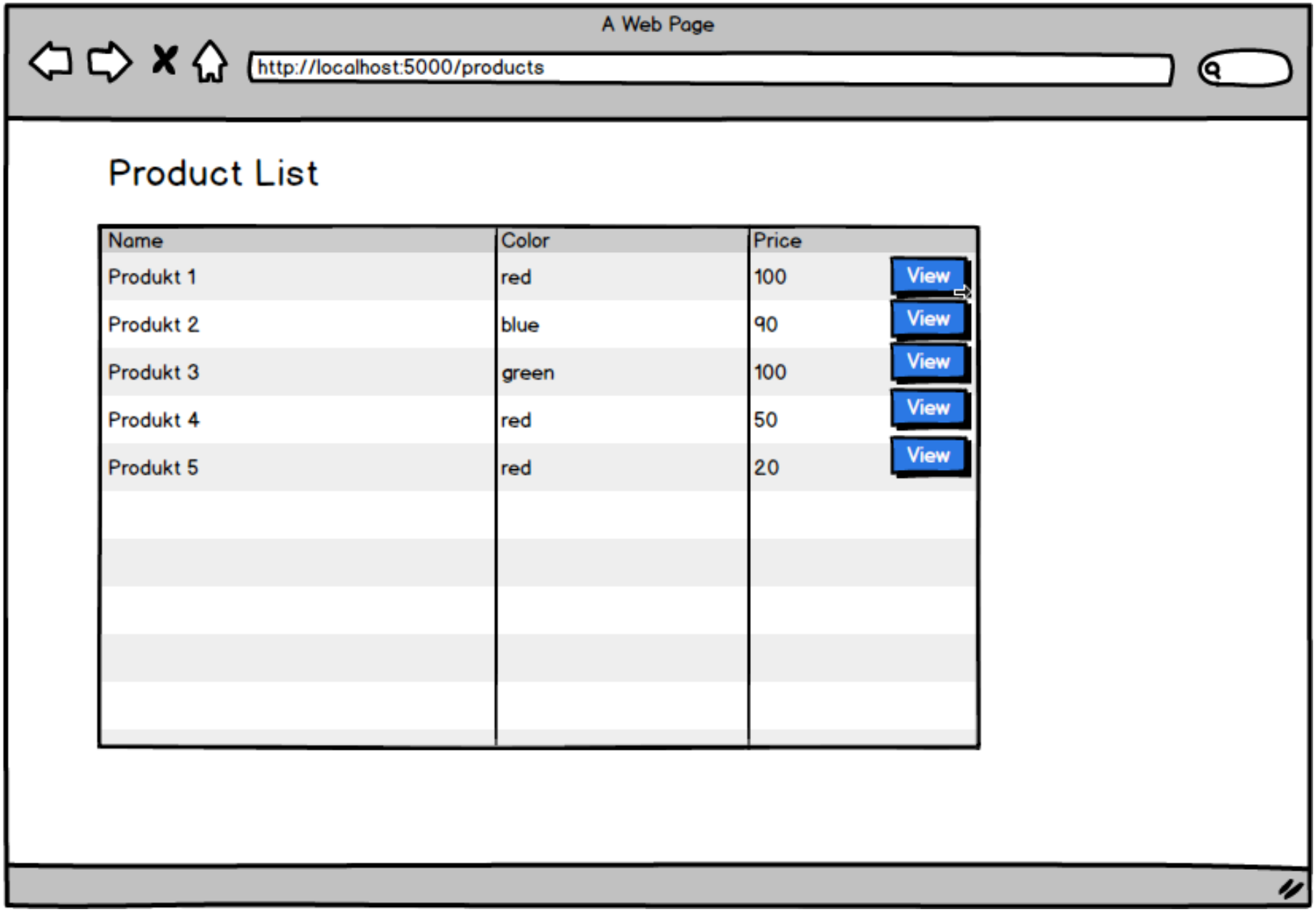
IIdentity vs IPrincipal

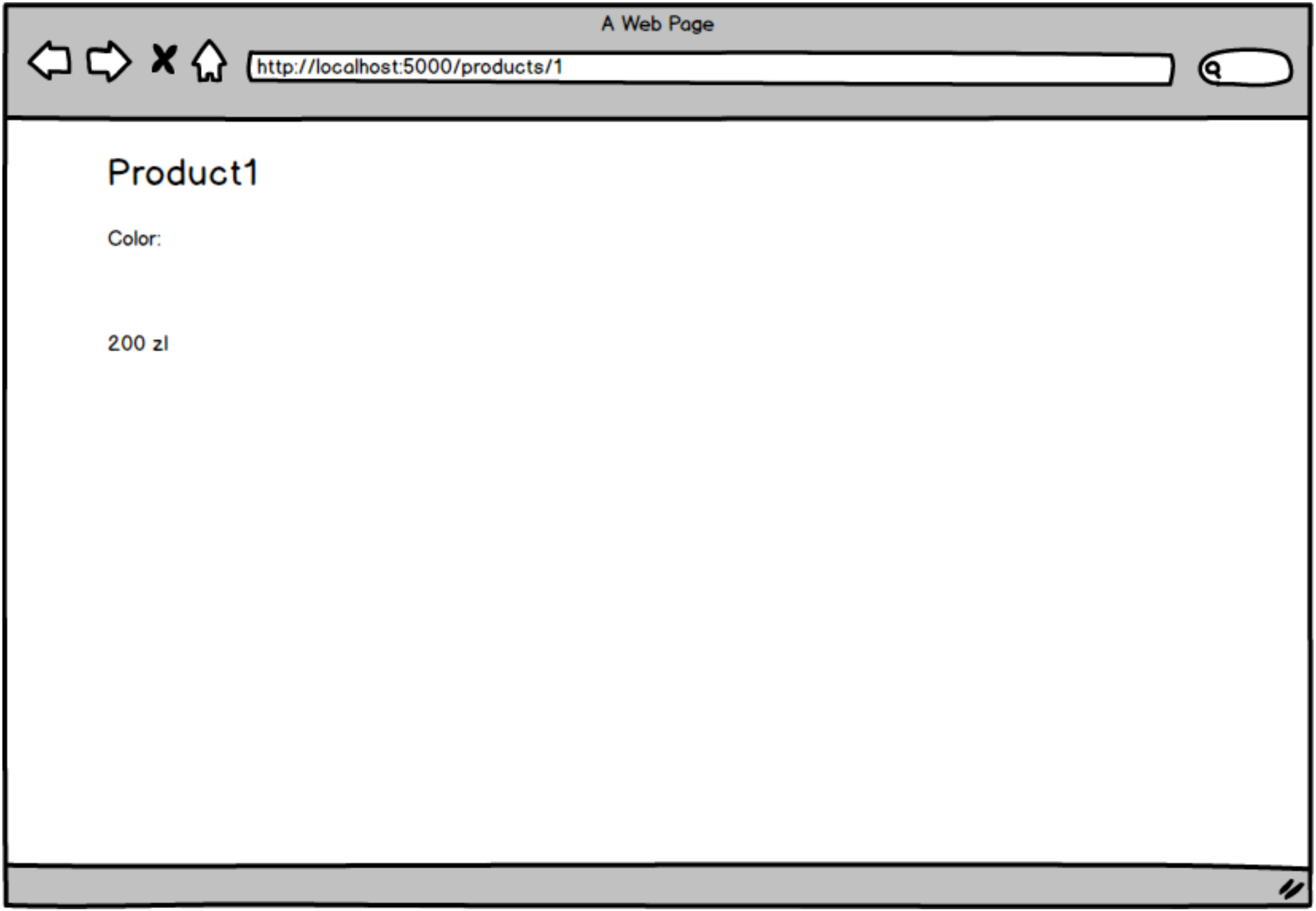



Auth.Api
api/login
Blazor-1
Blazor-2
Api

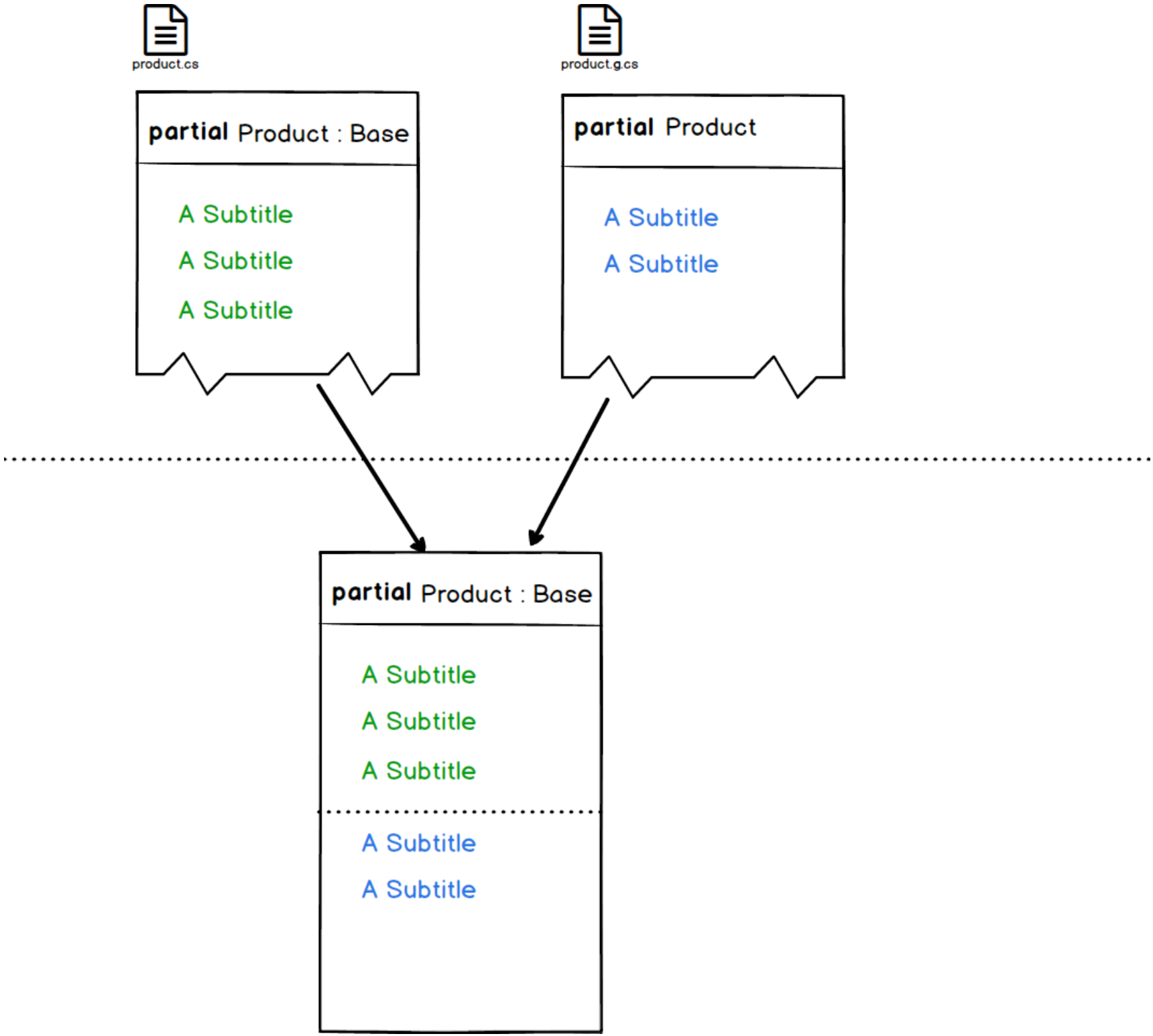

ICustomerRepository
GetAll()
@Page "/customers"
ICustomerRepository
DbCustomerRepository
GetAll()
SQL
SQL
FileCustomerRepository
GetAll()
Load()
System.IO
customers.csv
@Page "/customer"
ICustomerRepository

Zadanie #1 Lista produktów

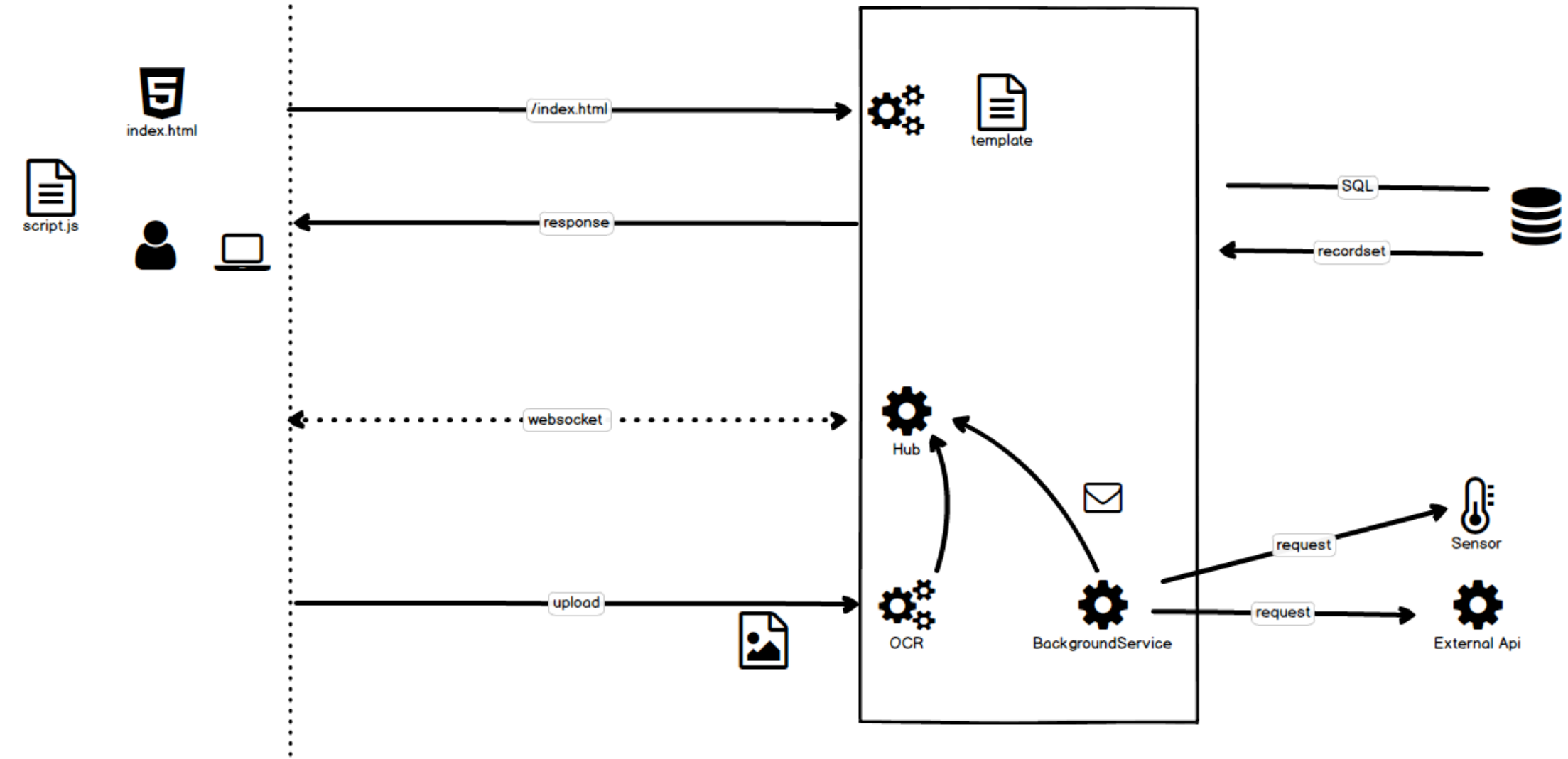


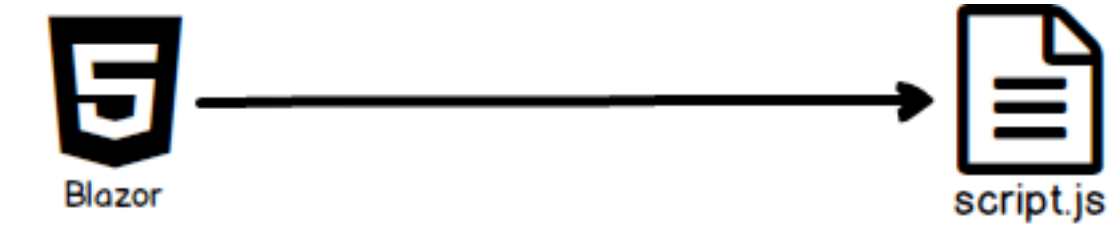

A Web Page
http://localhost:5000/products/1
Product1
Color:
200 zl

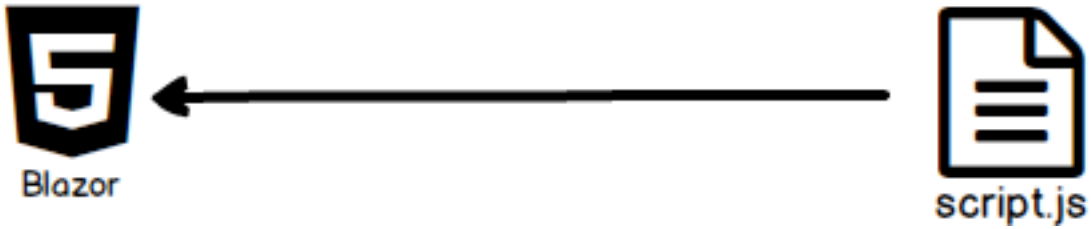
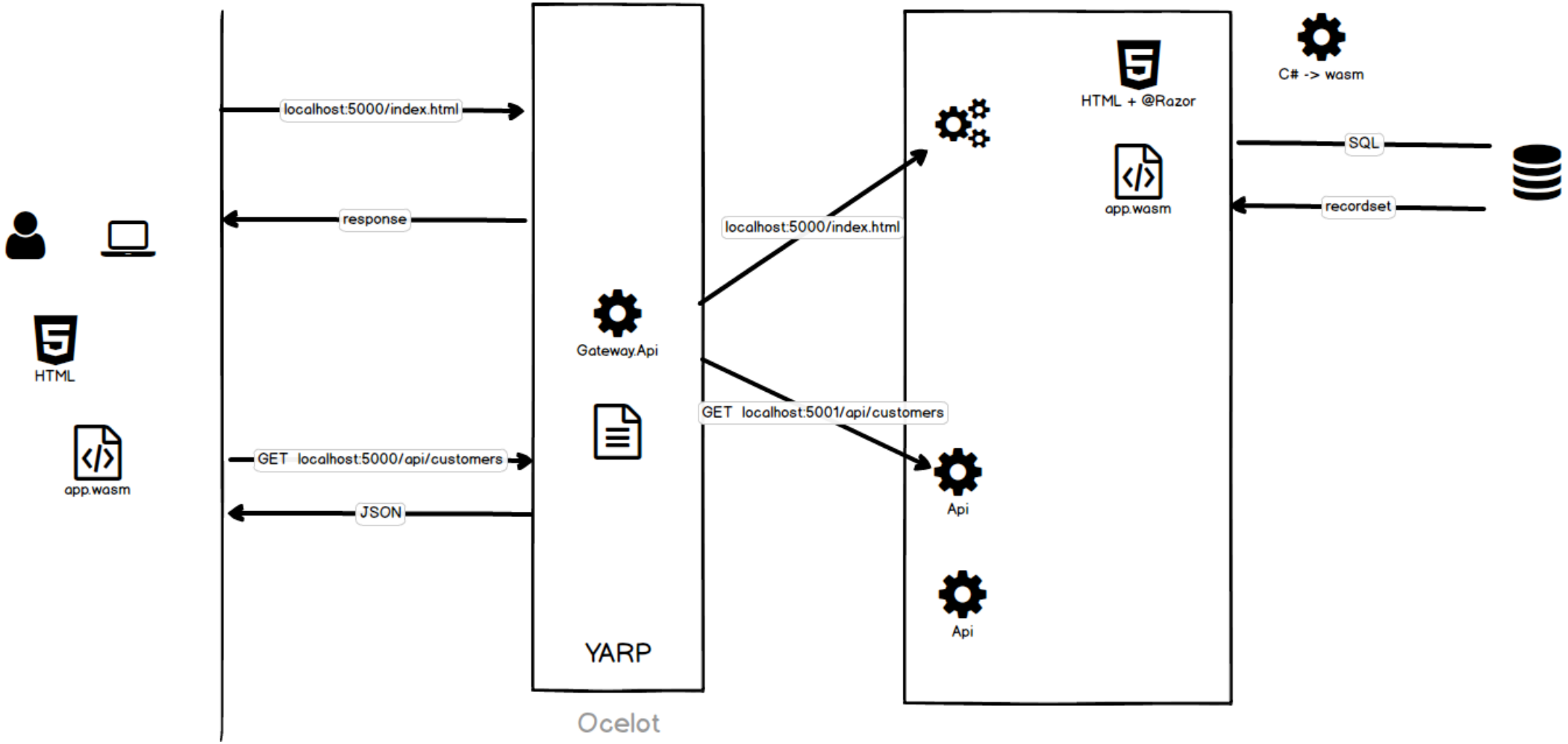
Zadanie #2 Dashboard


product.cs
product.g.cs
partial Product : Base
A Subtitle
A Subtitle
A Subtitle
partial Product
A Subtitle
A Subtitle
partial Product : Base
A Subtitle
A Subtitle
A Subtitle
A Subtitle
A Subtitle

Signal-R


index.html
script.js
/index.html
response
websocket
upload
template
Hub
OCR
BackgroundService
SQL
recordset
request
request
Sensor
External Api


Blazor
script.js


Blazor
script.js

Blazor Web Assembly (Blazor Client-Side)