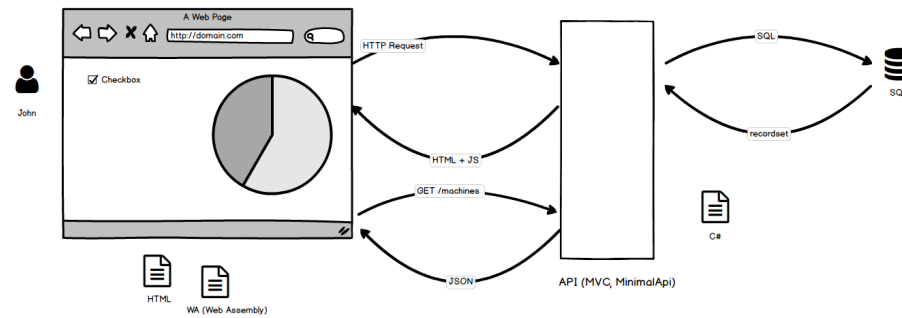
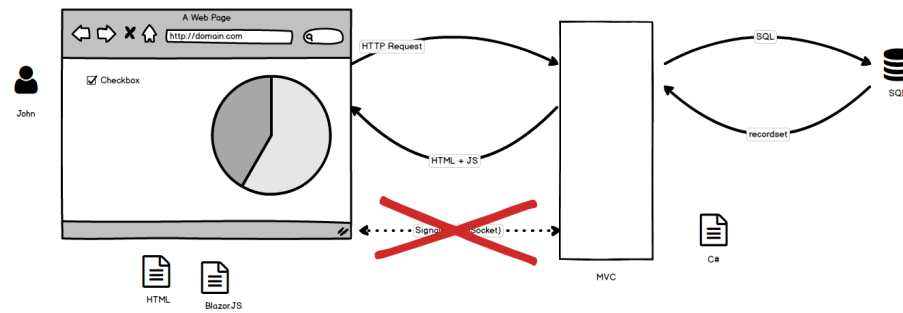


#### Blazor Web Assembly



#### Blazor Server (Server-Side)



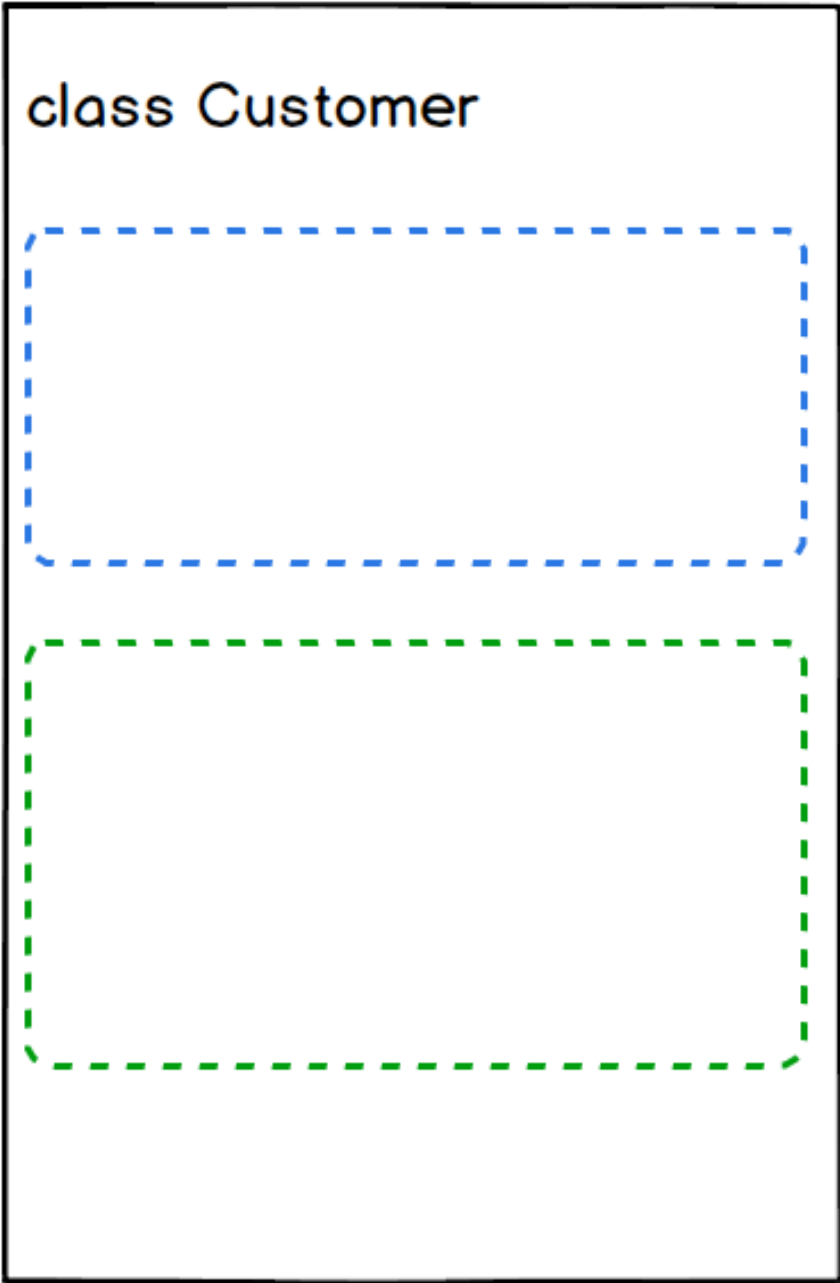
#### Blazor Unified

First.cs

```
partial class Customer
```

Second.cs

```
partial class Customer
```





http://



Company

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John Smith





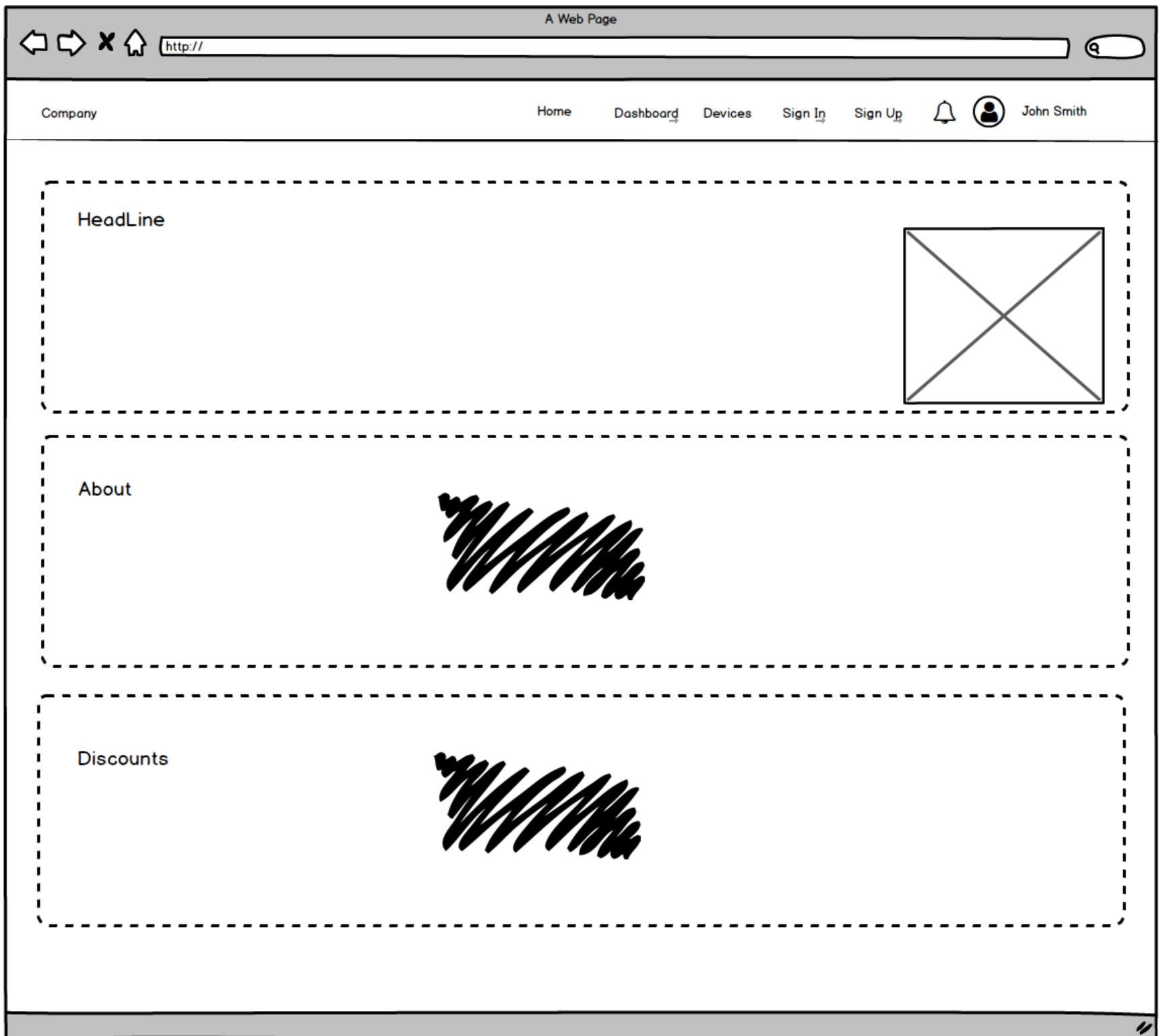
John



Kate



Bob





http://



Company

Home

Devices

Sign In

Sign Up

# Sign in


[Need an account?](#)

Email

john.smith@domain.com

Password

\*\*\*\*\*

 LOGIN



http://



Company

Home

Devices

Sign In

Sign Up

## Sign up

[Have an account?](#)

First Name

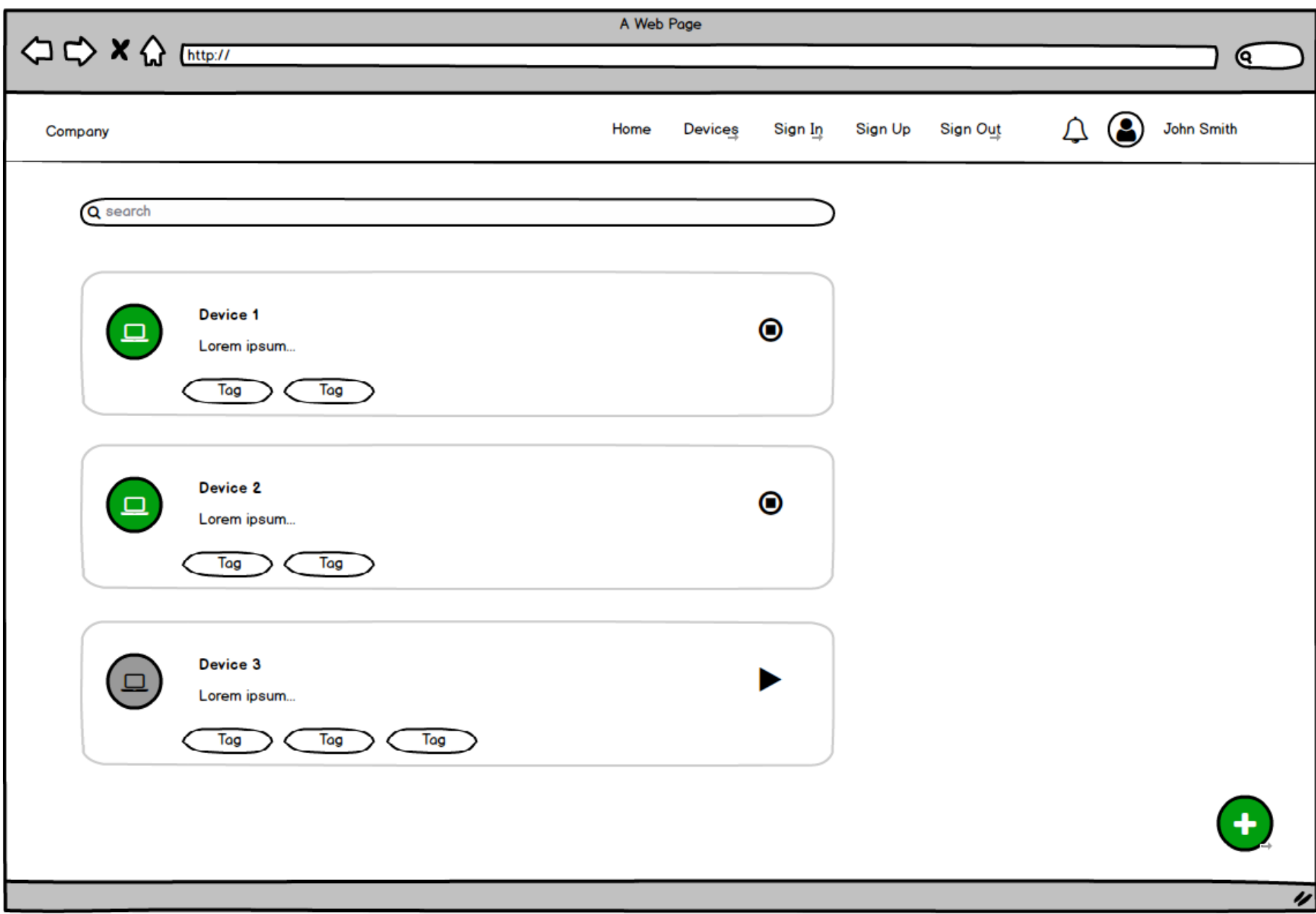
Last Name

Email

Password

Confirm Password

➔ REGISTER



} header

} main

} footer



http://



Company

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John Smith

## Create device

Name

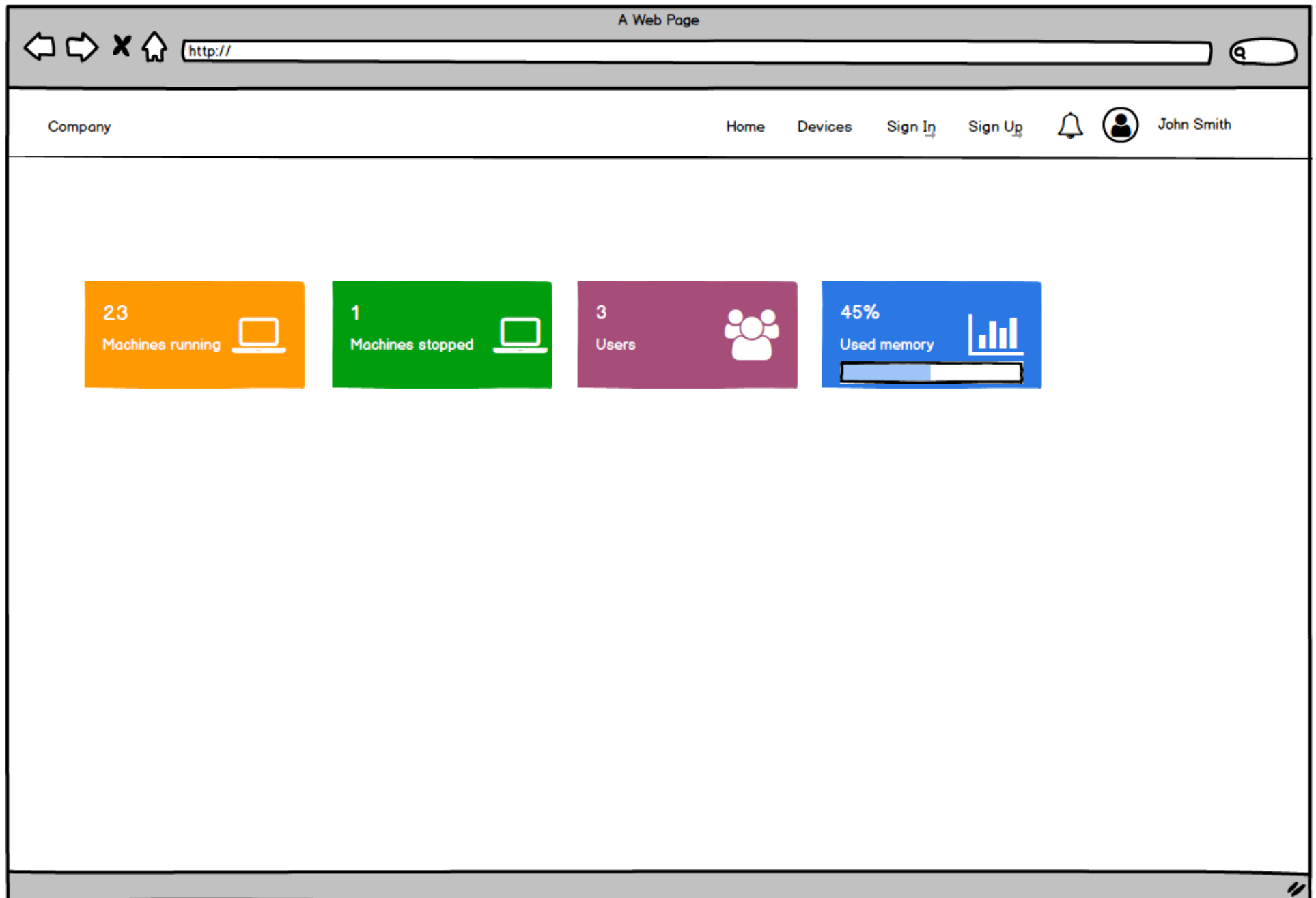
Description

☒ Temporary☐ Low☐ Normal☐ High

CREATE







*wwwroot/index.html*

```
<body>
  <div id="app">Loading...</div>
  ...
</body>
```

*Program.cs*

```
var builder = WebAssemblyHostBuilder.CreateDefault(args);
builder.RootComponents.Add<App>("#app");
...
```

*MainLayout.razor*

```
@inherits LayoutComponentBase

<main>
  @Body
</main>
```

*App.razor*

```
<Router AppAssembly="@typeof(App).Assembly">
  <Found Context="routeData">
    <RouteView RouteData="@routeData"
      DefaultLayout="@typeof(MainLayout)" />
    <FocusOnNavigate RouteData="@routeData" Selector="h1" />
  </Found>
  ...
</Router>
```

*Pages/Index.razor*

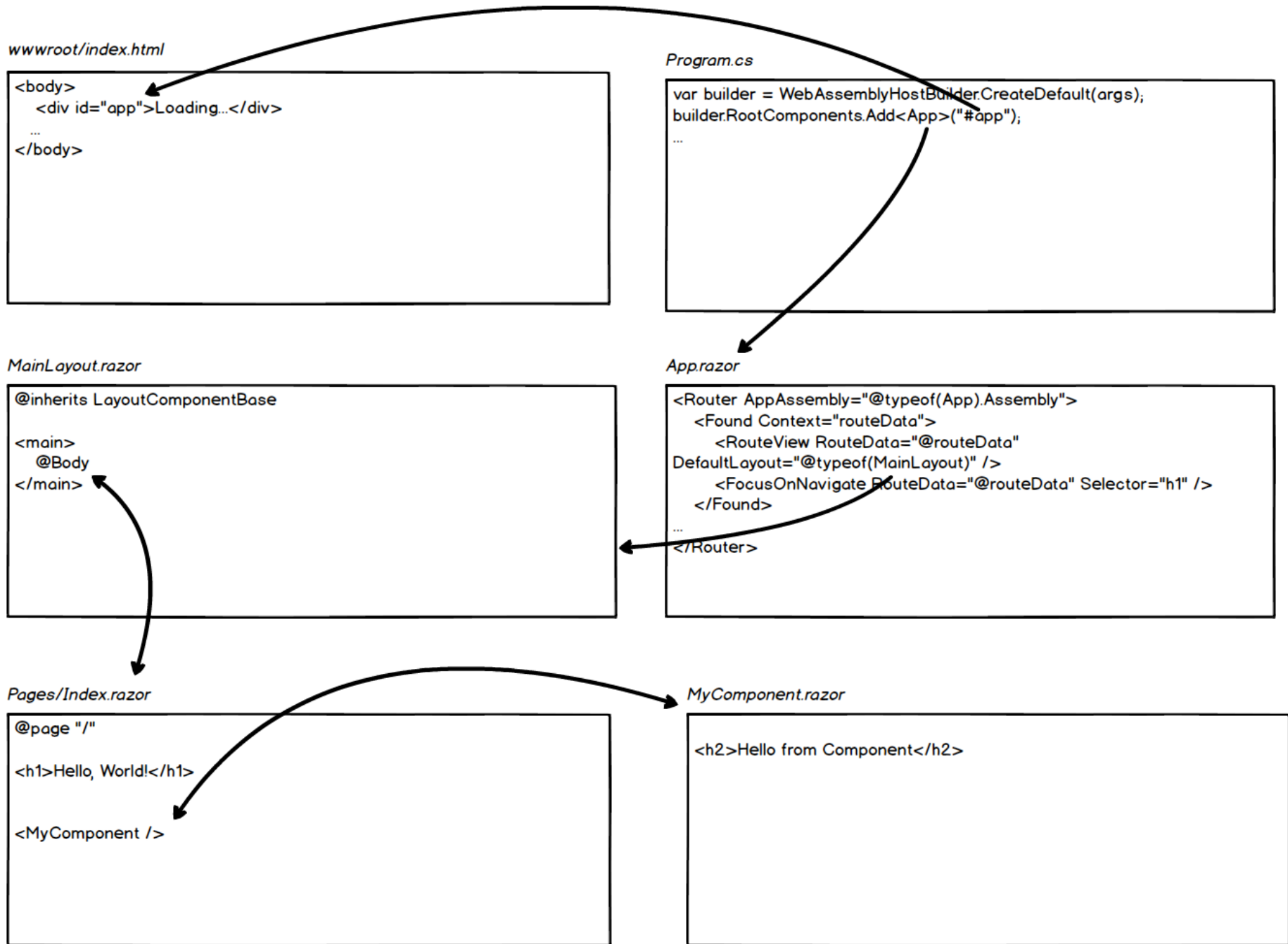
```
@page "/"

<h1>Hello, World!</h1>

<MyComponent />
```

*MyComponent.razor*

```
<h2>Hello from Component</h2>
```



```
<CascadingValue Value=50f>
```

```
  <CascadingValue Value="%" Name="Symbol">
```

```
    <CascadingValue Value="Memory Used" Name="Metrics">
```

```
[CascadingParameter]
```

```
public float Metric { get; set; }
```

```
[CascadingParameter(Name="Symbol")]
```

```
public string Symbol { get; set; }
```

```
[CascadingParameter(Name = "Metrics")]
```

```
public string NameOfMetrics { get; set; }
```

*FirstComponent (Parent)*

50%

*SecondComponent (Child)*

50%

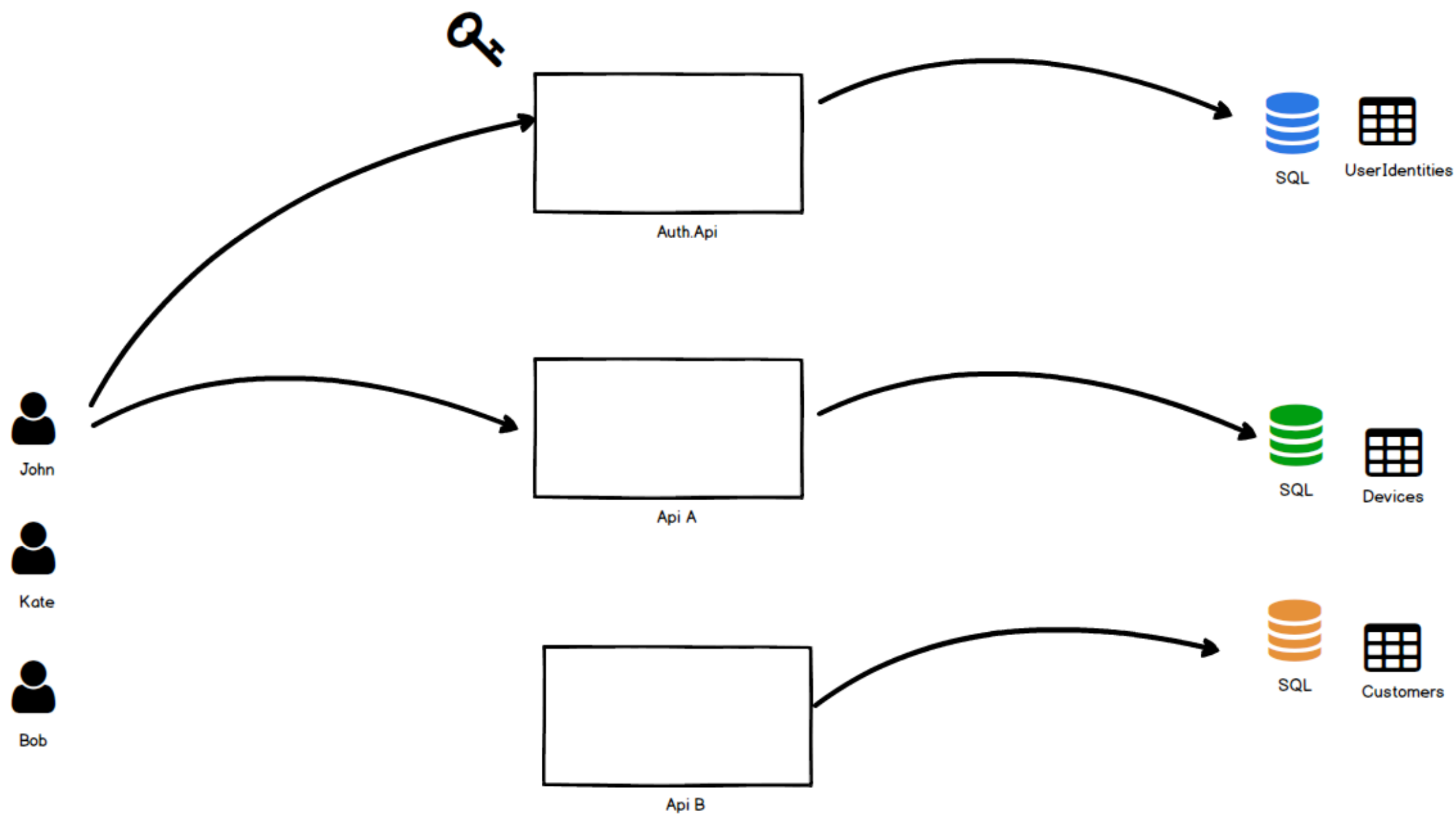


```
[CascadingParameter]
```

```
public float Metric { get; set; }
```

```
</CascadingValue>
```

```
</CascadingValue>
```





*IPrincipal*

ClaimType	Value
address	
phone	



*IIdentity*

AuthenticationType: gov

IsAuthenticated: true

name: Marcin Sulecki

ClaimType	Value
category:	A
category:	B
expiry:	expiry

# Authentication

Who Am I?

*ex: Samule, Jasper, Martin*

# Authorization

Can I have access to ?

*ex: Dashboard, Office, My car*

Scope



IDeviceRepository



IDeviceService



IDeviceRepository



request #1



request #2