MENZI HLOPE

.NET/C#

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SOVTECH

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This exercise was given to me to assess my skill level regarding the technology in the title above.

I chose to use the Blazor framework on .NET 5 because it is fun and is the future of .NET.

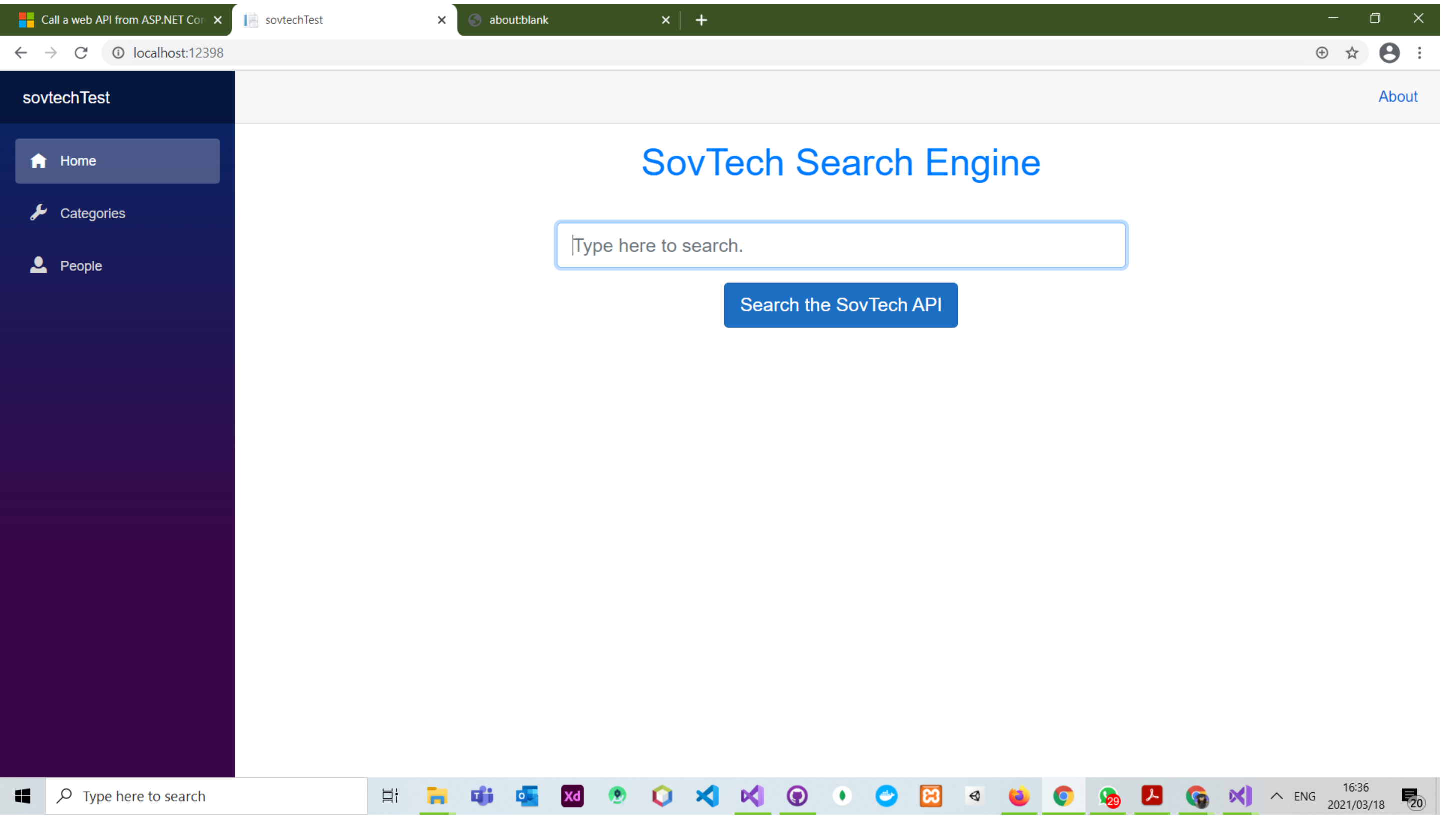
What is Blazor?

Blazor is a new client-side UI framework from the ASP.NET team. I love it because I have the ability to write rich web UI experiences using HTML, CSS, and C# instead of JavaScript.

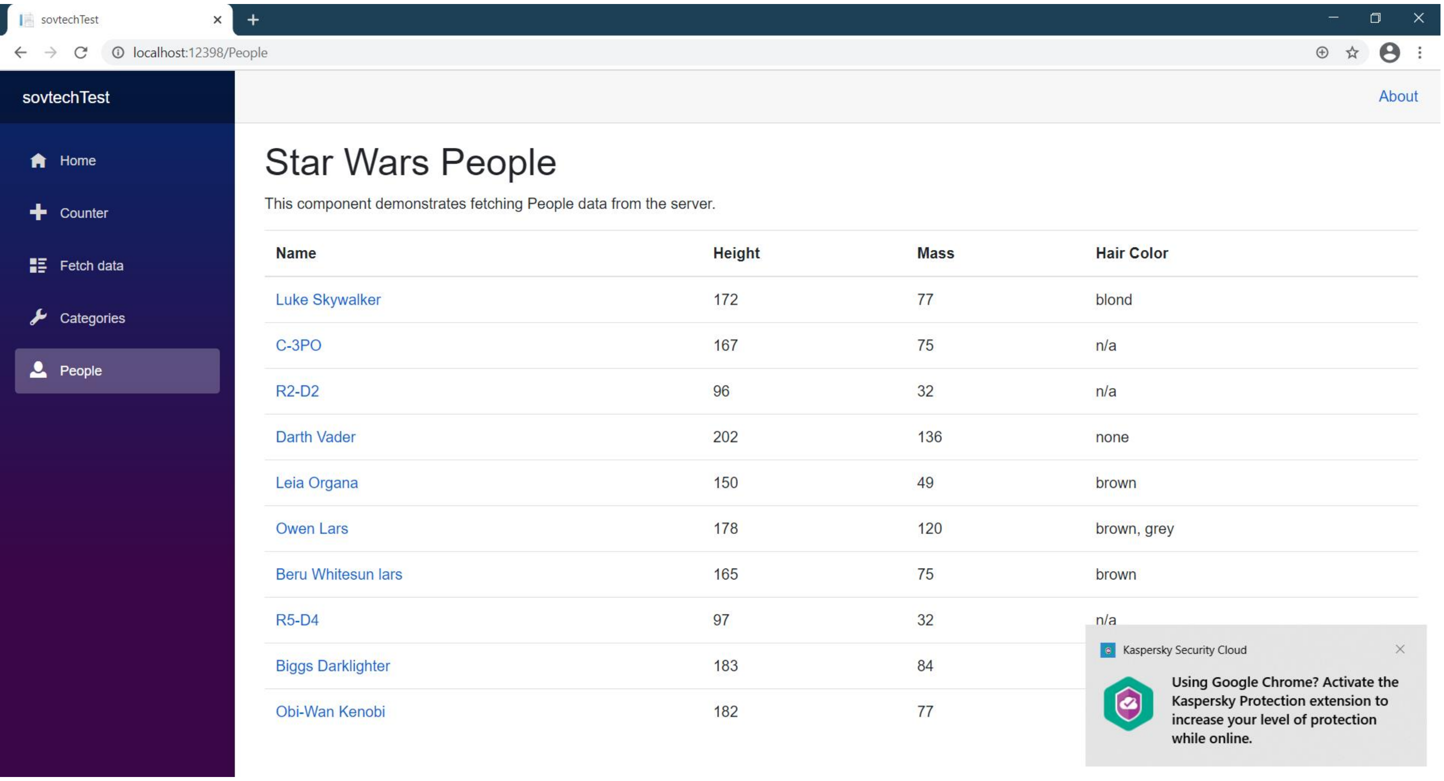
Chapter 1

Upon running the App, you will be greeted with the search bar which should link you to the search API. This API should take the query string from the seach and subsequently run it against the API and should yield the results.

Although my implementation needs a second pair of eyes just help me iron out some kinks in the software.



The Star wars page queries the API and populates the table with the People who featured in the iconic Movie Star Wars…



Star Wars People

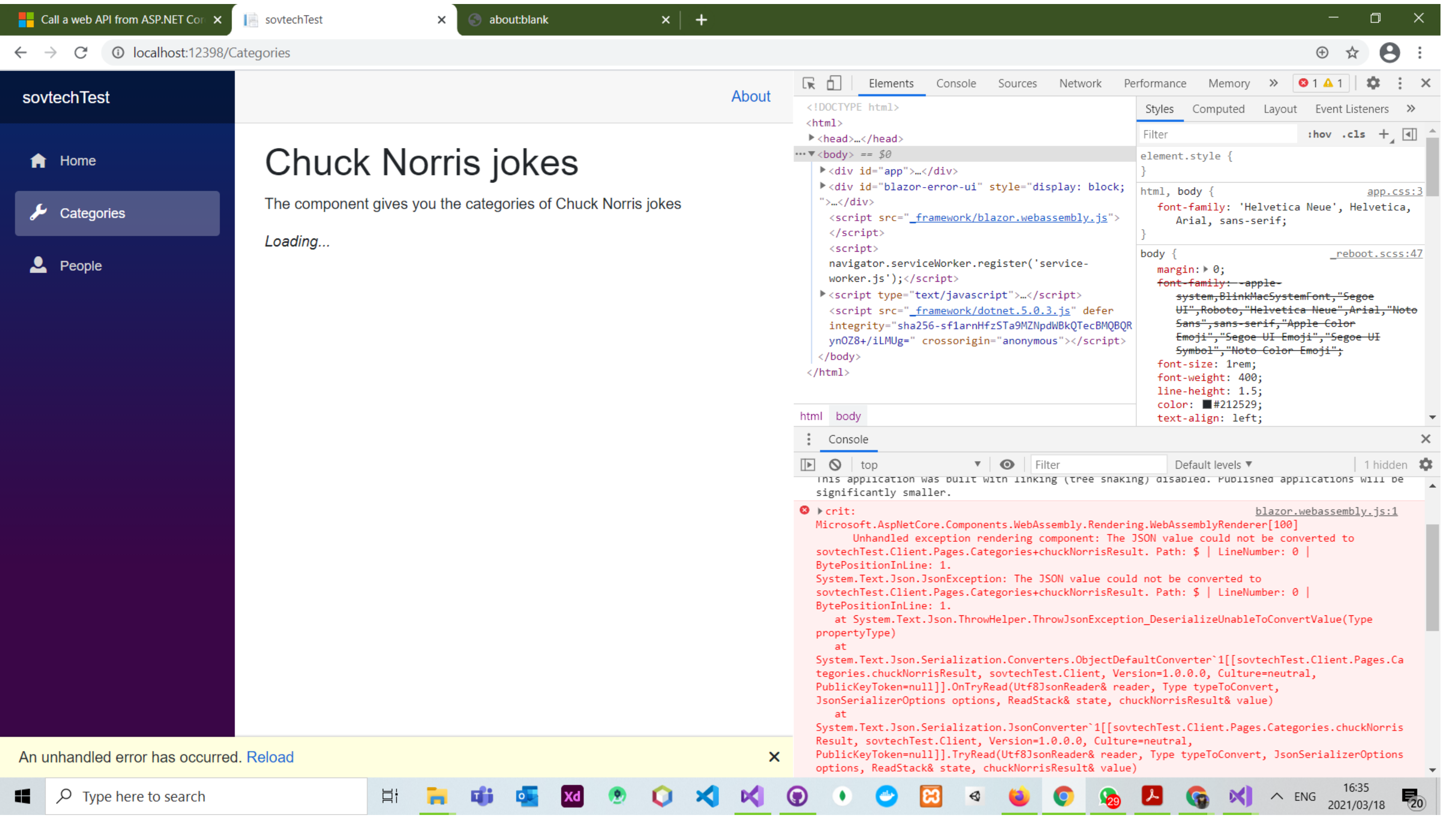
This component demonstrates fetching People data from the server.

Name	Height	Mass	Hair Color
Luke Skywalker	172	77	blond
C-3PO	167	75	n/a
R2-D2	96	32	n/a
Darth Vader	202	136	none
Leia Organa	150	49	brown
Owen Lars	178	120	brown, grey
Beru Whitesun lars	165	75	brown
R5-D4	97	32	n/a
Biggs Darklighter	183	84	
Obi-Wan Kenobi	182	77	

Kaspersky Security Cloud

Using Google Chrome? Activate the Kaspersky Protection extension to increase your level of protection while online.

The final page is also one in which I required a second pair of eyes to help figure out what my mistakes are.



sovtechTest

About

- Home
- Categories
- People

Chuck Norris jokes

The component gives you the categories of Chuck Norris jokes

Loading...

An unhandled error has occurred. Reload

```
<!DOCTYPE html>
<html>
 ▶<head>…</head>
…▼<body> == $0
  ▶<div id="app">…</div>
  ▶<div id="blazor-error-ui" style="display: block;
  ">…</div>
    <script src="_framework/blazor.webassembly.js">
    </script>
    <script>
    navigator.serviceWorker.register('service-
    worker.js');</script>
  ▶<script type="text/javascript">…</script>
    <script src="_framework/dotnet.5.0.3.js" defer
    integrity="sha256-sf1arnHfzSTa9MZNpdWBkQTecBMQBQR
    ynOZ8+/iLMUg=" crossorigin="anonymous"></script>
  </body>
</html>
```

```
element.style {
}
html, body {                                      app.css:3
   font-family: 'Helvetica Neue', Helvetica,
      Arial, sans-serif;
}
body {                                      _reboot.scss:47
   margin: ▶ 0;
   ~~font-family: -apple-
      system,BlinkMacSystemFont,"Segoe
      UI",Roboto,"Helvetica Neue",Arial,"Noto
      Sans",sans-serif,"Apple Color
      Emoji","Segoe UI Emoji","Segoe UI
      Symbol","Noto Color Emoji";~~
   font-size: 1rem;
   font-weight: 400;
   line-height: 1.5;
   color: ■#212529;
   text-align: left;
```

```
  This application was built with linking (tree shaking) disabled. Published applications will be
  significantly smaller.
⊗ ▶crit:                                                               blazor.webassembly.js:1
  Microsoft.AspNetCore.Components.WebAssembly.Rendering.WebAssemblyRenderer[100]
        Unhandled exception rendering component: The JSON value could not be converted to
  sovtechTest.Client.Pages.Categories+chuckNorrisResult. Path: $ | LineNumber: 0 |
  BytePositionInLine: 1.
  System.Text.Json.JsonException: The JSON value could not be converted to
  sovtechTest.Client.Pages.Categories+chuckNorrisResult. Path: $ | LineNumber: 0 |
  BytePositionInLine: 1.
     at System.Text.Json.ThrowHelper.ThrowJsonException_DeserializeUnableToConvertValue(Type
  propertyType)
     at
  System.Text.Json.Serialization.Converters.ObjectDefaultConverter`1[[sovtechTest.Client.Pages.Ca
  tegories.chuckNorrisResult, sovtechTest.Client, Version=1.0.0.0, Culture=neutral,
  PublicKeyToken=null]].OnTryRead(Utf8JsonReader& reader, Type typeToConvert,
  JsonSerializerOptions options, ReadStack& state, chuckNorrisResult& value)
     at
  System.Text.Json.Serialization.JsonConverter`1[[sovtechTest.Client.Pages.Categories.chuckNorris
  Result, sovtechTest.Client, Version=1.0.0.0, Culture=neutral,
  PublicKeyToken=null]].TryRead(Utf8JsonReader& reader, Type typeToConvert, JsonSerializerOptions
  options, ReadStack& state, chuckNorrisResult& value)
```