Test task for C# .NET Developer

Implement a web service. The service should accept an HTML file from a web client, convert it to PDF using [Puppeteer Sharp](https://www.puppeteersharp.com/), and return it somehow to the client.

Create a simple web client that will communicate with the web service. The user should send files for conversion by uploading them from computer. The client should display the list of files sent to conversion (keep it in memory). Each list item should contain filename, option to download result, option to remove item.

# Things to consider

* The incoming HTML files may be big. It means conversion may take a long time. Like a few minutes.
* The web service should be stable. It means if client sent a file for conversion and then, after receiving request from a client IIS was restarted, the web service should still be able to return the result PDF to a client after restarting.
* The web service should be scalable. It means we should be able to extend our infrastructure without the need to change service code. Only by the hands of system administrators.

# Technologies

**Client:** Vue.js or React-based client.

**Server:** .NET. You are free to use any technologies on top of it to satisfy the requirements of this task.

# Deadline up

There are no strict deadlines. We understand that you may be working on another job. It would be great if you could complete it within a week.

# Send results

Publish your code to the GIT repository. Don’t use any “Plumsail” related words in the repository to prevent other candidates from finding your implementation and taking credit for it.

In the Readme file briefly describe your choices of architecture for this task.

Send your solution to [recruitment@plumsail.com](mailto:recruitment@plumsail.com)

**Note:** Please add a link to your HeadHunter resume and your full name as in your CV. Otherwise, it may be tricky to match your email and communication in HeadHunter chat.