Engineering Candidate

Number to Words Web Page

Please develop a web page featuring a web server routine that converts numerical input into words and passes these words as a string output parameter.

IO example:

Input: "123.45"
Output: "ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS"

Please include:

1. An HTML web user interface to allow the routine to be tested interactively.
2. A document outlining the reasons why you selected your approach and why you decided against other possible solutions.
3. A test plan
4. Supporting files for testing, such as a working executable (if applicable), source files, test harnesses with configuration and data, and solution or project files.
5. It can be implemented in one of the following server-side languages/environments: C# (preferable), or Java.
6. Readme.md document containing instructions on how to build, host and interact your solution

Submission requirements:

1. Produce the quality of work and user interface that you'd consider acceptable for a customer
2. Don't use the internet to find part of, or the whole, solution. We're familiar with solutions from the internet and we're keen to assess your unique analysis, design and coding skills.
3. Please complete and return the attached exercise by the specified date.
4. Submit your exercise, please upload to a private GitHub repository, Google Drive, Dropbox, or similar and return to us the required credential to access the assets.