Test Assignment (v 1.2)

With the following test assignment, we would like to see how you think, write and test code. Your task is to design and implement a REST API (can be written in Javascript/Typescript or C# (.NET Core)) to analyze given input text and return a list of web links found in the text input. (Note, please use a bootstrap project to get webserver/routing working, so you can concentrate on the real business logic)

For example, if a client sends the following text:

> *Visit photo hosting sites such as* www.flickr.com*, 500px.com,* www.freeimagehosting.net *and* https://postimage.io*, and upload these two image files, picture.dog.png and picture.cat.jpeg, there. After that share their links at* https://www.facebook.com/ *and* i♡images.ws

Your service should return a list of normalized* web links, e.g.

```
["http://www.flickr.com","http://500px.com","http://www.freeimage
hosting.net","https://postimage.io","https://www.facebook.com/","
http://i♡images.ws"]
```

* - normalized links should be compliant with RFC, which requires a resource scheme such as http:// or https:// in the beginning of the link. Pay attention that web links may be long, contain Unicode characters and other parameters. The above example text is not exhaustive and you should test with more.

Example HTTP Request to your service:

```
Host: address-of-your-service.com
POST /api/end-point HTTP/1.1
Content-Type: text/plain
Content-Length: 250

Visit photo hosting sites such as… <ABBREVIATED FOR BREVITY>
```

Example HTTP Response of your service:

```
Content-Type: application/json
Content-Length: 152

["http://www.flickr.com","http://500px.com","http://www.freeimage
hosting.net","https://postimage.io","https://www.facebook.com/","
http://i♡images.ws"]
```

Submission requirements

When submitting the assignment, please include:

- Source code for your REST API service
- Instructions for running it locally
- Instructions on how to submit some sample text input (cURL command, etc…)
- Any tests you deem needed and instructions for how to run them
- Any other documentation you deem relevant
- This document (for reviewer reference)

If you have questions please feel free to ask.

Good luck!