# Interview Assignment

# URL Scanner app

Using Visual Studio, create an application (.Net Core) that meets the following criteria:

**Requirements:**

* Use the attached csv to populate the DB initially. (EF, File, or any other)
* Inspect the attached list of websites on a regular basis (every 5 minutes for example)
* Saves the results every time it performs a full cycle.
  + For each URL it should save:
    - How long it took to perform a scan.
    - Whether it contains the string or not.
    - Last date time it was scanned.
* Create a page that will have the following:
  + Section that will list all the records:
    - Name, Website, HasGoogle, ScanDuration, LastTimeScanned.
  + Section that will display last time a full scan cycle was completed.
  + A button that will allow you to refresh the results section only:
    - Refresh the UI that contains the results.

**Process Logic:**

* For each record it should scan the HTML content looking for the string “[www.google-analytics.com](http://www.google-analytics.com)”.
* A record should have the following properties at least:
  + Name, Website, HasGoogle, ScanDuration, LastTimeScanned.
* The records should be processed as quickly as possible.

**Things to consider:**

* Structure and organisation of the project.
* Use of methods/techniques suitable for the task.
* Clean code, OO principles.
* Design patterns.
* Exception handling and unit tests are not mandatory.

\*\* Any other decisions around this task are up to you, be as detailed as you wish, **HOWEVER,** we do not expect you to spend long hours performing this task. We are more interested in your problem-solving skills and your coding style. Submit when you think it has enough for us to be able to identify your development style.

**Submission**

Please submit the code to GitHub, OneDrive or Dropbox and then share the link with us.