CASE 5 : DEVELOPING A WEBSCRAPER USING C#-BASED SELENIUM BROWSER AUTOMATION

Selenium is the most popular **web browser automation** project. It is supported by many programming languages, including **C#**, and emulates user interaction with a browser. This allows one to automate many user tests, but there are many other possibilities.

One of those things is **web scraping**. It's up to you to get to know **Selenium** and in this role build it into a **Console-based web scraping tool**. A useful tutorial: https://www.lambdatest.com/blog/scraping-dynamic-web-pages/

The intention is to have at least 3 scraping options:

- Scraping the basic data (link, title of the video, uploader and number of views) of the 5 most recently uploaded Youtube videos based on a search term that the user of the scraping tool can enter.
- Scraping the data on the jobsite https://www.ictjob.be/. Hereby the user of the scraping tool must be able to enter a search term, after which the data is retrieved of the 5 most recently uploaded jobs that have been entered under that search term: Title, company, location, keywords and link to the details page.
- 1 self-selected site & data, but always based on a term entered by the user of the scraping tool.

Furthermore, the following must be taken into account:

- The data is written via to a .CSV file
- The data is written to a .json-file

Creative and technical additions you make are also mentioned and highlighted, as this results in a higher score.