Instructions: Testing with TestCafe

1. **Requirements and installations:**

   a. You need to install a browser in your system. i.e. 'Chrome', 'Firefox'.

   b. **Node Installation:**

   Install Node.js on your computer. Go to https://nodejs.org/en/, download the latest version and install it.

   c. **TestCafe Installation:**

   Now, your machine is ready to install TestCafe. You can do it from the Node.js package manager (npm) with a single command. Open console, type the following text and press Enter:

   ```
   npm install –g testcafe
   ```

2. **Download the test scripts:**

   a. Go to https://github.com/captain-nimo/Testing_with_TestCafe and clone or download the git repository to your machine.

   b. There are 2 config/utility files and 3 test scripts for Loblaw website:

      i. lobLaw_config.json

      ii. loblaw_utilities.js

      iii. search_and_sorting_en.js

      iv. search_and_sorting_fr.js

      v. search_and_sorting_mobile.js

   c. There are 2 config/utility files and 2 test scripts for Real Canadian Super Store website:

      i. super_store_config.json

    ii.   super_store_utilities.js

    iii.   deals_en.js

    iv.   deals_mobile.js

3. Run the test Scripts:

   a. In your console, go to the location where the scripts are saved.

   b. Now run following command to open browser and start the test for Loblaw website:

```
testcafe browser_name file_name
```

i.e. **For chrome:**

    I.   `testcafe chrome search_and_sorting_en.js`

    II.   `testcafe chrome search_and_sorting_fr.js`

    III. `testcafe chrome search_and_sorting_mobile.js`

For firefox:

    I.   `testcafe firefox search_and_sorting_en.js`

    II.   `testcafe firefox search_and_sorting_fr.js`

    III. `testcafe firefox search_and_sorting_mobile.js`

   c. Run following commands to open browser and start the test for Real Canadian Super Store website:

For chrome:

    I.   `testcafe chrome deals_en.js`

    II.   `testcafe chrome deals_mobile.js`

For firefox:

    I.   `testcafe firefox deals_en.js`

    II.   `testcafe firefox deals_mobile.js`

d. If you want to run all the scripts sequentially by a single command, execute the
    '*run_all_scripts_in_chrome*'/''*run_all_scripts_in_firefox*'' file from the local
    repository.

    *** To make the bash file executable, please run the following command in
    console:

    chmod u+x file_name

    *** To execute the file, run following commands in the console:

    For Chrome: ./run_all_scripts_in_chrome.sh

    For Firefox: ./run_all_scripts_in_firefox.sh