

# ASSIGNMENT FOR NN / GUILLEM CARRION CANDIDATE

## 1. SOLUTION EXPLANATION

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In order to comply with the specifications, some arguments must be set when robot.run is called thru the command line. These arguments are:

- `--log report_webdemo_.html --report log_webdemo_.html`

With these two arguments, it is possible to modify the default output name of the report.html and log.html

- `--timestampoutputs`

When this option is used, a timestamp in the format YYYYMMDD-hhmmss is placed between the extension and the base name of each file.

- `--metadata Version:1.0 --metadata Application_Name:WebDemoOfTheMillenium`

Sets free metadata for the top-level suite.

To optimize the execution, it is possible to gather all the arguments in one file (called args.robot) and call the test following the syntax: `robot -argumentfile args.robot valid_login.robot`

Furthermore, in order to execute the test in just one click with all the specifications, I created the execute\_test.bat file which executes the test with the corresponding arguments for this assignment.

## 2. OTHER APPROACHES

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There are several approaches to the proposed requirements. During my research, I tried to build an approach which consisted in setting the ROBOT\_OPTIONS environment variable with the corresponding configuration. To do so, I found two solutions:

- Set the environment variable manually before the test execution, using this DOS command for example: `SET ROBOT_OPTIONS="--timestampoutputs"`
- Use the OperatingSystem Robot framework library in order to use Set Environment Variable keywords and change the ROBOT\_OPTIONS variable inside the test configuration files.

Nevertheless, I decided to present the first solution since I had minor problems with these two and the complexity was greater.

## 3. RESOURCES

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I have mainly used the official [Robot Framework user guide](#) alongside with some web forums such as Stackoverflow.