Build Jenkins run

To create a report using mochawesome, we need this information to be in the cypress.json file.
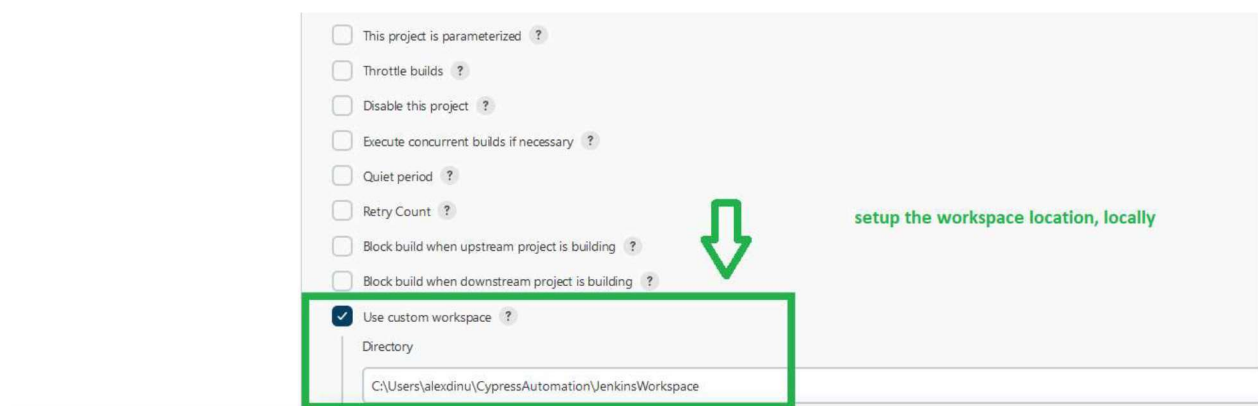
```json
{
    "reporter": "mochawesome",
    "reporterOptions": {
     "charts": "true",
     "reportDir": "cypress/report/mochawesome-report",
     "overwrite": false,
     "html": false,
     "json": true
    }

}
```

If you don't have mocha installed, first we need to do it with these commands in cypress terminal (or cmd but being in cypress location)

1. Install Mocha:
npm install mocha --save-dev
2. Install cypress-multi-reporters:
npm install cypress-multi-reporters --save-dev
3. Install mochawesome:
npm install mochawesome --save-dev
4. Install mochawesome-merge:
npm install mochawesome-merge --save-dev
5. Install mochawesome-report-generator:
npm install mochawesome-report-generator --save-dev

Next, we need this information in the package.json file, which contains the commands to clean up the folders where the reports are saved at the beginning of each build run in Jenkins, in case the folders do not exist will be created and contains the commands to merge the reports from each test and then generate an html file after the merge is made.

```
"scripts": {
   "delete:reports": "del /f /s /q cypress\\report 1>nul",
   "remove:reports": "rd /s /q cypress\\report",
   "make:directories": "mkdir cypress\\report && mkdir cypress\\report\\mochawesome-
report",
   "pretest": "npm run delete:reports || npm run clean:reports || npm run make:directories",
   "cypress": "node_modules\\.bin\\cypress run",
   "suite_tests": "npm run cypress --",
   "combine_reports": "mochawesome-merge cypress/report/mochawesome-report/*.json -o
cypress/report/output.json",
   "generate_html": "marge cypress/report/output.json --reportDir ./ --inline",
   "posttest": "npm run combine_reports && npm run generate_html",
   "test": "npm run suite_tests || npm run posttest"

},
```

This project is parameterized ?

Throttle builds ?

Disable this project ?

Execute concurrent builds if necessary ?

Quiet period ?

Retry Count ?   setup the workspace location, locally

Block build when upstream project is building ?

Block build when downstream project is building ?

☑ Use custom workspace ?

Directory

C:\Users\alexdinu\CypressAutomation\JenkinsWorkspace

General   Source Code Management   Build Triggers   Build Environment   **Build**   Post-build Actions

☐ With Ant ?

Build

≡   **Execute Windows batch command** ?

Command

See the list of available environment variables

```
npm run test
```

Advanced...

Add build step ▾

Post-build Actions

Add post-build action ▾

The build ran successfully.

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> cypressautomation@1.0.0 posttest
> npm run combine_reports && npm run generate_html

> cypressautomation@1.0.0 combine_reports
> mochawesome-merge cypress/report/mochawesome-report/*.json -o cypress/report/output.json

Reports merged to C:\Users\alexdinu\CypressAutomation\cypress\report\output.json

> cypressautomation@1.0.0 generate_html
> marge cypress/report/output.json --reportDir ./ --inline

âœ" Reports saved:
C:\Users\alexdinu\CypressAutomation\cypress\report\output.html
Finished: SUCCESS

Mocha reports are successfully generated and merged into a single .json file.
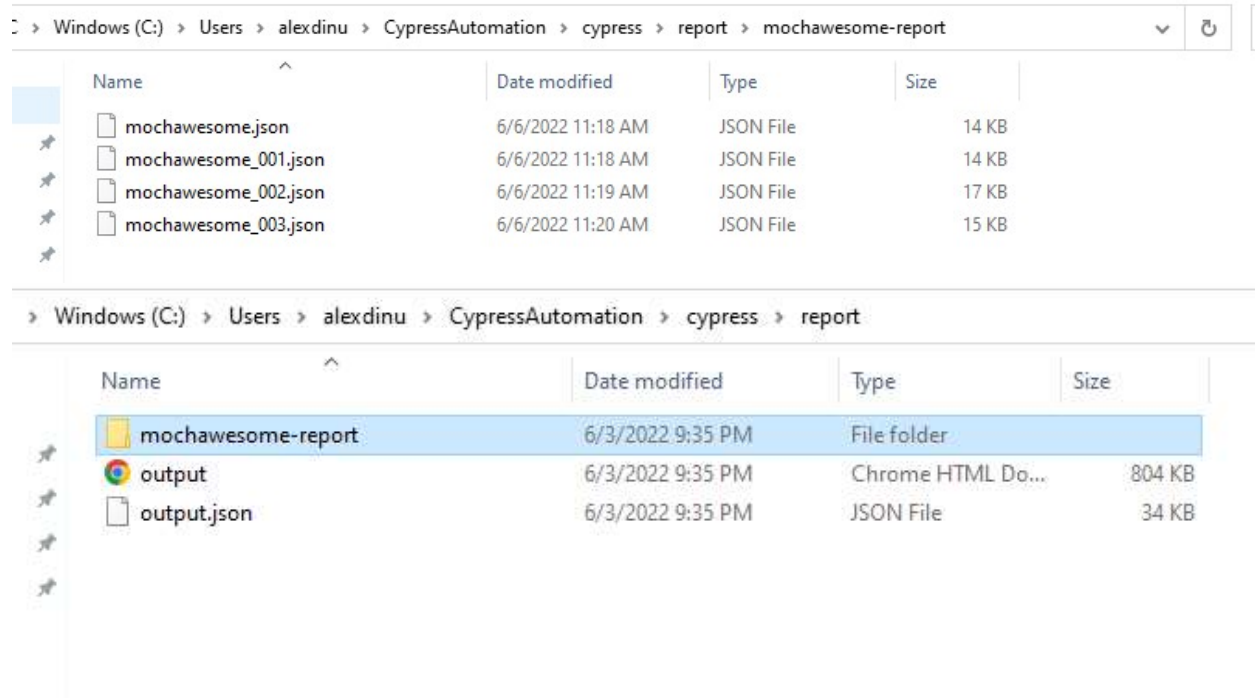
And we have a beautiful report.
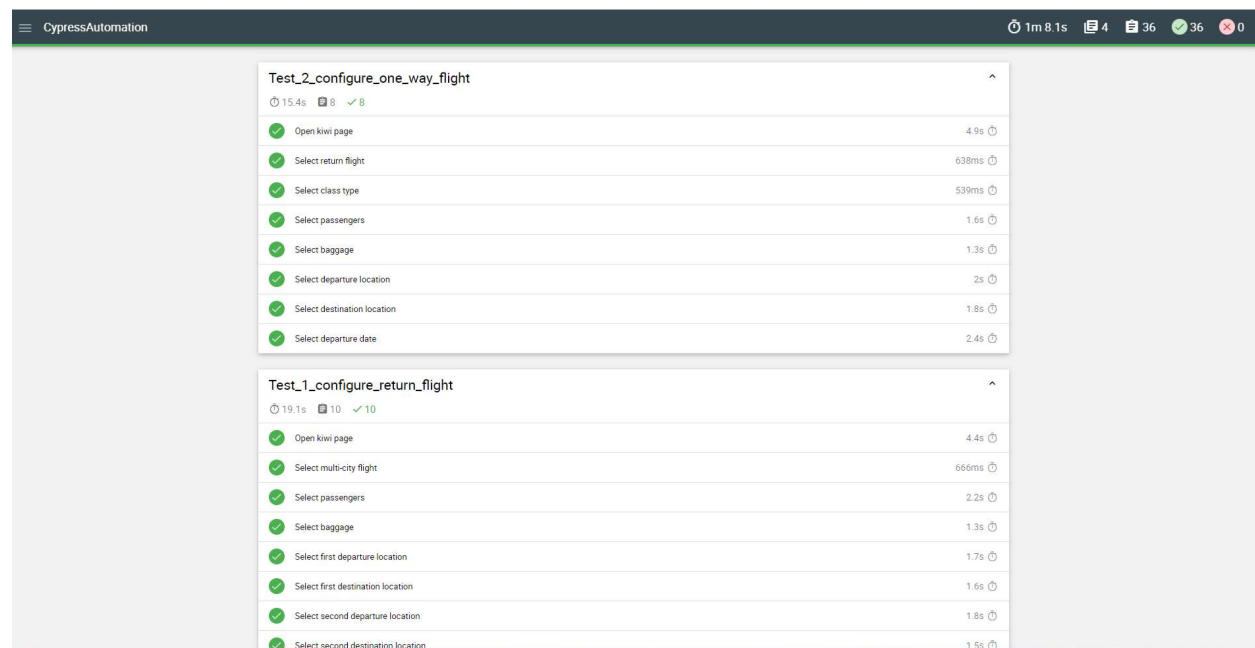
Select second departure date

Test_4_configure_nomad_flight

13.8s   10   ✓ 10

✓ Open kiwi page	4.6s
✓ Select nomad flight	802ms
✓ Select passengers	1.6s
✓ Select baggage	1.2s
✓ Select initial departure location	1.5s
✓ Select initial departure date	1.4s
✓ Select trip length	723ms
✓ Go to select destinations	229ms
✓ Select first destination location	829ms
✓ Select second destination location	800ms

Test_1_configure_return_flight

19.6s   8   ✓ 8

✓ Open kiwi page	6.4s
✓ Select return flight	528ms
✓ Select class type	564ms
✓ Select passengers	2.1s
✓ Select baggage	1.4s