

Automation using Cypress.io and JavaScript

- Create a new folder, **CypressJavaScript**, this will be our Project root
- Open this folder via VSCode
- In the VSCode terminal initiate a new NPM project – **npm init**. This will create a package.json file in the **CypressJavaScript** folder.
- Install Cypress -- **npm install cypress --save-dev**
- Install mochawesome reporter -- **npm install cypress-mochawesome-reporter --save-dev**
- Run **npx cypress open** to open Cypress
- Configure E2E testing from the opened Cypress app, this will also create some folders for our use
- Create a **helpers** folder under **cypress/**. Inside this folder, create **helpermethods.js**, **config.js**, **selectors.js** files
- Create a **pages** folder under **cypress/**. This folder will have all the POM files for all the tests
- Create new tests with the naming convention **<testname>.cy.js** under **cypress/e2e/**
- Configure Cypress HTML reporting using <https://www.browserstack.com/guide/cypress-html-reporter>

Running Commands:

npx cypress run --spec .\cypress\e2e\login.cy.js --headed --browser firefox : This will run the login.cy.js in a headed mode in Firefox

npx cypress open : This will open the Cypress app, you can run the tests from here as well, but the HTML report will not be generated

Folder Structure:

