

# QA Automation Test

## Description:

Using Cypress.io, please create test cases for the scenarios listed below using the following test website.

URL: <https://computer-database.gatling.io/computers>

## Test Scenarios:

- 1) Locate the following computer in the table: Commodore 64
  - a. Click to edit Commodore 64
    - i. Create a negative test case to ensure a failure validation displays.
    - ii. Create a positive test case to ensure that valid data is updated successfully.
- 2) Filter computer list by "HP" and create a map of the returned data.
  - a. Print the map.
- 3) Filter computer list by "IBM" and return a list of computer names on the LAST page of the results.
  - a. Print the list of computer names.
- 4) Click the 'Add a new computer' button, enter some data into the various text fields, select 'Evans & Sutherland' from the company dropdown and complete the creation. Verify that the computer was created successfully.

## Regression Exercise:

Create regression testing plan to be enacted upon new builds of this system. Describe what would be tested, how the plan would be maintained, and how it would be integrated with the deployment pipeline.

Provide examples of how the QA team and the suite of regression tests produced by the enactment of this plan fit into the overarching SDLC.

## Notes:

- At the end of 1 day (or earlier), please email back your deliverables to [michael.toscano@cscgfm.com](mailto:michael.toscano@cscgfm.com), [devon.arcieri@cscgfm.com](mailto:devon.arcieri@cscgfm.com) and [usman.naqvi@cscgfm.com](mailto:usman.naqvi@cscgfm.com) or you can share a Gitlab link as well.
- If anything in the description is unclear, make assumptions, write them down as comments in the code and continue
- Good Luck!