

Automation Engineer takehome task

Welcome to the automation engineer takehome task! This task is intended to provide us with an opportunity to review the code you write, and how you are able to solve an automation problem on a real website.

Below you will find three 'tickets' which follow a given/when/then pattern. Your task, using an automation framework of your choice, is to write tests that prove or disprove that these functions work correctly. **You should focus only on testing the frontend web application, and not the underlying API.**

The web application can be found here:

<https://fe-automation-tool.s3.eu-west-1.amazonaws.com/index.html>

Note: Of the three scenarios, at least one of the test cases will not work!

SpaceX

The app is intended to display a list from the spacex API

(<https://github.com/r-spacex/SpaceX-API>)

Scenarios

Scenario 1

SCENARIO	Data should load onto the page
GIVEN	The page loads
THEN	A screen will appear with a list of SpaceX API results

Scenario 2

SCENARIO	Filter by year
GIVEN	Selecting filter
WHEN	Setting filter by year to 2015
THEN	Return a list of only launches in 2015

Scenario 3

SCENARIO	Order should be done alphabetically
GIVEN	No year filter is on
WHEN	Ordering is done 'descending'
THEN	Items should be ordered alphabetically

Submitting code

In order to submit the code, please either zip the code with clear instructions on how to run it and email it in response. If you prefer, you can also publish to e.g. github and return the link to us.

If you have any questions please feel free to get in touch with Kate Murphy on kate.murphy@xdesign.com