To demonstrate your capability with test automation, please select a free website and API (they can be different) and build a basic test framework to perform the following scenarios using Cypress and Typescript.

Browser (UI) Tests - (use a test account)

1. Login/Logout Functionality: Validate successful login and logout.

2. Create/Update Operations: Verify that items can be created or updated.

3. Search Functionality: Ensure that the search feature works and returns correct results.

4. Edge Cases: Handle invalid inputs and check for error messages.

API Tests

1. Obtain an authorisation token

2. Use a POST request (handling negative cases where possible i.e. 404, 500, 401)

3. Use a GET request to retrieve the record

Put your code on Github, GitLab, Bitbucket or your choice of repository.

Include a README file that details how to build, configure and run your service locally

Send us a link to your repository (make it public) when you are finished.