



## QA UI Technical Test

Welcome to Ito World's QA UI technical test exercise!

We would like to see your approach to testing UI with automated test framework using either Selenium or Playwright.

Create an automation framework using python and Selenium/Playwright that tests [Demoblaze Product Store](#) website.

Create as many tests as you can to cover the functionality available on this website. Creating the framework using python/selenium would be a big advantage, however we will allow Java, JavaScript or C#. Evidence of an understanding of OOP will also be very important.

### Acceptance Criteria

1. Create an automated test framework in: Python, Java, JavaScript or C#.
2. Add automated test coverage for [Demoblaze Product Store](#) website. **Please note that for placing order you can use fake data and fake credit card number.**
  - a. Create a public github account if you don't have it previously. Create a repo in your account and make it shared.
  - b. Create test framework under the shared repo.
  - c. Create as many tests as you can to cover the functionality available on this website.
  - d. The coverage doesn't need to cover absolutely all scenarios. A few which show handling of pop-ups, alerts, opening link in new window, handling different categories and placing order will suffice. Include positive and negative both type of scenarios.
  - e. Show running of tests using at least two different browser drivers.
  - f. Your approach to different types of test coverage against UI functions is important.
3. Include a README with following information:
  - a. Instructions on how to setup the test framework.
  - b. Instructions to execute the tests.
  - c. Have you found any bugs / unexpected behaviours?

### Additional Information

1. What we're looking for is your approach to designing and creating a small test framework.
2. How would we interpret the test results clearly?
3. Consider how we can add test data to existing test cases.
4. Your approach to writing a clean and well documented code.

5. How simple would it be to maintain the code in the test framework?

### **Submitting the technical test**

1. You have one week to complete this technical exercise.
2. Once ready, please submit your repo's link to: [meenu.atrey@itoworld.com](mailto:meenu.atrey@itoworld.com) with cc to: [gary.hawkes@itoworld.com](mailto:gary.hawkes@itoworld.com) , [chiara.hallam@itoworld.com](mailto:chiara.hallam@itoworld.com)
  - a. You will be expected to demo and discuss this exercise at the interview.
3. Any further questions, please contact: [meenu.atrey@itoworld.com](mailto:meenu.atrey@itoworld.com) or [gary.hawkes@itoworld.com](mailto:gary.hawkes@itoworld.com)