

TutorialsNinja-AddressBook

Automate following Functionality with Cypress

Objective

To build a cypress script that automates the following process in the given URL.

Tools Required

- **Programming Language:** Javascript
- **Tool :** VSCode .
- **Web Browser:** Chrome or Default browser(electron).
- **IDE/Text Editor:**VSCode.

Pre-requisites

Students should have a basic understanding of:

- Javascript programming
- HTML elements (like id, class, name, etc.)

Assignment Instructions

Part 1: Setup Environment

1. **Install VSCode:** Ensure VSCode is installed in your system and start working by creating a new folder and install cypress and initialise node server from the terminal.

Part 2: Writing the Script : Create a new folder in your VSCode

Part 3: Assignment Tasks

- Enter the URL : <https://tutorialsninja.com/demo/>
- Login and register manually into the application first
 1. Enter any existing Product name into the Search text box field .
 2. Click on the button having search icon
 3. Click on 'Add to Cart' button on the Product displayed in the Search results

4. Click on the 'shopping cart!' link in the displayed success message
 5. Click on 'Checkout' button in the 'Shopping Cart' page
 6. Click on 'Continue' button
 7. Click on 'Continue' button
 8. Click on 'Continue' button
 9. Select the 'Terms & Conditions' checkbox field
 10. Click on 'Continue' button
 11. Click on 'Confirm Order' button
 12. Click on 'my account' page link in the displayed 'Order Success' page
 13. Click on 'My Account' dropdown menu
 14. Select 'My Account' option
 15. Click on 'Address Book' option from Right Column options
 16. Click on 'Edit' button of an address in the displayed 'Address Book Entries' page
 17. Update all the fields in the displayed 'Edit Address' page with new details (First Name, Last Name, Company, Address1, Address2, City, Post Code, Country and Region/State)
 18. Click on 'Continue' button
- **Framework details to implement** : Use Page object model to define Page objects, to write tests and Read the values from a property file(Like URL) , use Waits wherever necessary , Use Assertions to validate , take screenshots wherever mentioned.Push the Project to a new Github Repository.

Part 4: Submission Guidelines

- Submit the Cypress script file via the LMS.
- Include comments in the code to explain the purpose of each section.

Evaluation Criteria

- **Correctness:** The script successfully logs in and out of the website.
- **Code Quality:** Code readability, use of functions, and error handling.
- **Documentation:** Proper comments and explanation of the logic.