

**Exercise: Automate the below test scenarios for the given website**

<https://the-internet.herokuapp.com/>

**Requirements:**

1. **Setup the given base project in eclipse (import as a maven project):**
2. **Automate the below Functionality:**

**Scenario:**

1. Navigate to URL
2. Click on the Form Authentication link.
3. Type username, password and click on login then validate and go back.
4. Click on Checkboxes link, select a value then go back.
5. Click on Drag and Drop, perform drag drop action then validate and go back.
6. Click on file upload, upload a file and validate and go back.
7. Click on Hovers, mouser hover to an element then validate and go back.
8. Click on Multiple windows, click on click here link then validate and go back.
9. Click on dropdown, select a value then validate and go back.
10. Click on frames, click on iFrame, type something in the text area then go back.

**3. Implement Page Object Model (POM):**

- Organize your code using the Page Object Model design pattern to enhance maintainability.
- Create separate page classes for each web page.

**4. Test Data Management:**

- Manage test data separately from the test scripts.

**5. Test Suite:**

- Create a test suite that runs the test case.
- Use a test runner (e.g., TestNG) to execute the suite.

**6. Browser Configuration:**

- Allow the user to choose the browser for test execution (e.g., Chrome, Firefox).

**Assessment Criteria:**

- Code quality and organization.
- Correctness of the automation script
- Proper use of the Page Object Model.
- Effective test data management.
- Use of best practices in test automation.

**Note: For this assessment you can refer any materials from internet apart from any AI based bots (ChatGPT)**