QA Automation Engineer

Define Test Scenarios and Test Cases

Let's consider that you are assigned to test the **Demoblaze** (https://www.demoblaze.com/) application. Your goal is to test the **end-to-end item purchase flow**. Task expected completion time 6 hours.

Tasks:

1. **Define 2 of the most important test scenarios from each area below:**
   a. Areas
      i. Sign Up
      ii. Log In
      iii. Product Store
      iv. Cart
      v. Place Order (or Purchase)
2. **Create n Test Scripts that cover the scenarios.**
   a. You should use c# with Selenium
   b. The Page Object pattern should be used as part of this implementation
   c. Design the tests in such a way that they can be executed using different data

Deliverables

- Create a public Git repository and share the link.

Notes

The following are the skills that we assess:

- Ability to understand a feature and break it down
- Ability to define clear scenarios
- Ability to group test cases by scenarios
- Experience in running the tests in different environments
- Understanding of the Page Objects pattern
- Automating tests for web applications

Bonus

- Instead of creating a user from the UI, use the application API to create the user, login, and set the auth cookie with Selenium. APIs:
  - https://api.demoblaze.com/signup
  - https://api.demoblaze.com/login
- Take a screenshot when a step fails