



Test Automation Task – KMS Lighthouse Website

Target Role: Test Automation Engineer

Stack: Playwright (JavaScript or TypeScript), Git (local or GitHub)

System Under Test: <https://kmslh.com/>



Objective

1. Explain in a few sentences what part of the system would you automate and why
2. Set up the Playwright project and design its initial architecture
3. Design and document 2 manual test cases (you can use md format and keep it in the project)
4. Automate manual test cases from step 3
5. Automate 2 test cases specified below (Test Cases section)
6. Use Git for version control with clear commits and project structure
7. Optionally push your work to GitHub



Test Cases



Test Case 1: Validate “Book a Demo” Link Navigation

- From the homepage, click on the “**Book a Demo**” button (available in the header or hero section)
- Verify the redirection to the **Demo Request** form page
- Validate that all input fields are present and interactable



Test Case 2: Validate Default State of Accessibility Toggles

- Open the Accessibility widget (wheelchair icon).
- Check the default state (enabled/disabled) of each toggle:
 - Bigger Text
 - Contrast Toggle
 - Dyslexia-friendly Font
 - Highlight Links
- Choose one toggle from the following list:
 - Bigger Text

- Contrast Toggle
- Dyslexia-friendly Font
- Highlight Links
- Verify the toggle's expected behavior:
 - Toggle it on and validate the change in UI
 - Toggle it off and validate that the UI returns to its original state