TEST CASES

**1. UI/Design Tests:**

**Header:**

* Verify that the header is visible on the page.
* Check if the navigation links are displayed correctly.
* Test the responsiveness of the header for different screen sizes.

**Component:**

* Ensure the background image covers the entire space.
* Verify that the title and button are correctly positioned.

**2. Functionality Tests:**

**Button Click:**

* Click on the "Click here" button and ensure that the alert with "Hello, World!" appears.
* Test the removal of the colorful alert after a certain time.

**Navigation:**

* Click on each navigation link and verify that it scrolls to the corresponding section of the page.

**3. Performance Tests:**

**Image Loading:**

* Test the loading time of the background image.
* Check if lazy loading is working as expected.

**4. Cross-Browser Testing:**

* Test the application on different browsers (Chrome, Firefox, Safari, Edge) to ensure compatibility.

**5. Responsiveness Tests:**

* Test the application on various devices (PC, tablet, mobile) to ensure responsiveness.