Improvements:

General:

1. To ensure a smooth user experience, apply validations to all relevant fields with clear instructions on what is allowed and what isn’t. Also, highlight mandatory fields to guide users efficiently.
2. If a page contains a password field, there should be an option to view the password (e.g., an eye icon to toggle visibility).

Products Page:

1. Button on the Main Screen – Allow users to add products to their order without

navigating to the product details page.

1. Provide an option to choose the quantity directly from the main screen before adding to the order.
2. Display the section name (e.g., "Phones") prominently at the top of the page.
3. On the last page – The "Next" button should not appear.
4. On the first page – The "Previous" button should not appear.

Cart Page-

1. Group identical products together in the cart.
2. Provide an option to select specific products from the cart.

And many more.....

5. Optional: 3-Month Automation Strategy

o Tool selection –

If I hadn’t chosen Selenium, I would have opted for Playwright with BDD for test automation, as it offers modern features, improved speed, and great cross-browser support.

o Understanding the environment and requirements –

I performed many manual tests and explored the system extensively. I also studied its architecture in detail and thoroughly reviewed the requirements to ensure a deep understanding of its functionality.

o Critical test **implementation** refers to the tests that ensure the core functionality of a system is working as expected, especially in scenarios where any failure can cause the system to crash, perform incorrectly, or impact essential features. Critical tests are vital for maintaining system reliability and stability in production.

o Expanding coverage and edge cases –

I will thoroughly study all the requirements, execute all types of tests, ensure edge cases are covered, and automate as much as possible to achieve comprehensive test coverage.