

QA-EDGEWATERMARKETS ASSESSMENT - Task

✓ Scope of Work:

The scope includes designing a scalable, maintainable UI test automation framework for a sample e-commerce web application for both functional validation and business logic verification across the product listing and cart management modules :

Product Details

Product Name	Expected Keyword in Result
wireless mouse	wireless mouse
Bluetooth headset	Bluetooth headset
Data cable	Data cable
Pen drive	Pen drive
laptop stand	laptop stand

🔧 What You Need to Do:

- For each product above:
 1. Perform a product search and validate that the expected keywords appear in the search results.
 2. For the first 10 listed products, retrieve their prices. If a product's price falls between ₹500 and ₹1000, add it directly to the cart.
 3. If a product's price is below ₹500, navigate to its product detail page, update the quantity to 2, and then add it to the cart.
- After all applicable products are added :
 1. Confirm that each added product is correctly listed on the cart page.
 2. Ensure the price of each product in the cart matches the price shown on the search results page.
 3. Validate that the total cart value equals the sum of the individual product prices.

📦 Submission:

- Provide the automation scripts along with the framework structure you have designed.
- Push the code in public repo with proper readme
- Include a screen recording that demonstrates the execution of your test cases using the implemented framework.