Sr. SDET Assignment

This assignment has 2 objectives :

Task 1: Write a test document to list the use cases you would test via automation to verify search, filter and add-to-cart functionalities on amazon.in.

Task 2: Automate the use case listed below using a testing framework of your choice. It'd be great if you make your framework modular, scalable and take care of reports and multi-browser scenarios.

Note: Make assumptions of expected behaviour where needed and mention in test document where possible.

1. Launch Chrome browser and open an E-com website such as https://www.amazon.in/ OR https://www.meesho.com/

2. Wait for the page to load and verify the page title.

3. In the search box, enter the search key as "smartwatches" and click on the search icon

4. Select brand as "noise"

5. Add a price filter with 1000 as the min price and 5000 as the max price

6. In the search results, check that the watches displayed on the page are within the price range

7. Sort price from high to low using the sort option available in the upper right corner

8. Open the product with the highest price(this will open the product in a new window)

9. Check the product details from the new window and add the product to the cart

10. Verify that the product has been added to the cart

11. Close the new window and return to the main window

12. Follow steps 4 to 11 for 3 more brands(pick the brands as per your choice and feel free to use an excel sheet or a data provider to handle multiple brands).