

Synopsis of Capstone Project

I have used the e-commerce website called "<https://automationexercise.com/>" for my project. I have included a total of 6 pages of testing as below, it also includes some API testing. I have created a total of 60 testcases for this project.

1. home.spec.ts

- TC_01 - Verify homepage title and URL
- TC_02 - Subscribe with valid email
- TC_03 - Add product to cart from homepage
- TC_04 - Verify product quantity in cart
- TC_05 - Remove product from cart
- TC_06 - Navigate to Women > Dress category
- TC_07 - Filter products by brand "Polo"
- TC_08 - View product details
- TC_09 - Access test cases page
- TC_10 - Scroll to subscription footer
- TC_11 - View recommended items
- TC_12 - Verify Categories are visible
- TC_13 - Verify main menu on top
- TC_14 - Verify Subscription field is visible

2. products.spec.ts

- TC_01 - Verify products page title
- TC_02 - Test product search
- TC_03 - Test add to cart from products page
- TC_04 - Verify category filter
- TC_05 - Test brand filter
- TC_06 - Test write review functionality
- TC_07 - Take products page screenshot
- TC_08 - Check if able to navigate to Home and Cart pages
- TC_09 - Add a product and see if able to navigate to product details page
- TC_10 - Add a product and see if it navigates to signup page for new user

3. login.spec.ts

- TC_01 - Verify page title is correct
- TC_02 - Verify login form is visible
- TC_03 - Verify signup form is visible
- TC_04 - Verify error message with invalid credentials

- TC_05 - Verify empty login shows validation errors
- TC_06 - New user signup form accepts input
- TC_07 - Capture login page screenshot
- TC_08 - Check if able to navigate to Home and Cart pages
- TC_09 - Able to signup as a new user
- TC_10 - Verify successful login

4. cart.spec.ts

- TC_01 - Verify homepage title and URL
- TC_02 - Verify main menu on top
- TC_03 - Verify Cart is empty message
- TC_04 - Verify add to cart and check if product is added to the cart
- TC_05 - Add product, fill the form, and verify details in the cart
- TC_06 - Add product and verify if able to Proceed to Checkout
- TC_07 - Add a product and verify if Availability, Condition, and Brand are visible
- TC_08 - Add a product and verify Login/Signup page while doing checkout
- TC_09 - Verify signup field after checkout for new user
- TC_10 - Able to navigate to Home and Products from Cart

5. contactUs.spec.ts

- TC_01 - Page should load with correct title
- TC_02 - All form fields should be visible
- TC_03 - Show error when submitting empty form
- TC_04 - Verify navigation link "Home" works correctly
- TC_05 - Take screenshot of contact form
- TC_06 - Verify Feedback and feedback link are present
- TC_07 - Verify all fields are present
- TC_08 - Verify navigation to different pages
- TC_09 - Verify Subscription field is present
- TC_10 - Verify footer

6. api_testing.spec.ts

- TC_01 - GET all products list => Verify status code to be 200
- TC_02 - GET All brands list => Verify status code to be 200
- TC_03 - POST request - search a product => Verify status code to be 200
- TC_04 - POST request - login with valid details => Verify status code to be 200
- TC_05 - POST request - Create an account => Verify status code to be 201
- TC_06 - DELETE request - Delete an account => Verify status code to be 200