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 69 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
   TC_15 - Verify navigation to Polo products

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
   TC_11 - Navigate to Kookie Kids and add a product
   TC_12 - Verify all categories and brands are displayed
   TC_13 - Add an H&M product and verify if able to checkout
   TC_14 - Add a Biba product, check if navigating to proper page, and verify checkout
   TC_15 - Add a product to cart and verify if able to see the product from cart tab

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
    TC_11 - Create a new user and verify if user able to add a product to cart
    TC_12 - Verify if able to navigate to Home and Products pages

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
    TC_11 - Navigate from Cart - Here link to products page

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