Test Cases – Website Navigation & Content Verification

Project: Siemens EDA – SDET Technical Task – Task 1a
Feature: As a user, I can navigate through the website and see expected content
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TC-01: Verify Homepage Loads Successfully

Description: Ensure the homepage loads correctly when the site link is opened.

Preconditions: User has internet access and a supported web browser.

Steps to Execute:

1. Open the site URL in the browser.

Expected Result: Homepage displays with company logo, navigation bar, sidebar, main content, and footer without errors.

Priority: High

TC-02: Verify Navigation to Homepage from All Pages

Description: Check that the user can return to the homepage from Company, Products, Contact, and sidebar "Product Application Categories" links.

Preconditions: User is on any site page.

Steps to Execute:

1. From Company page, click HOME in the navigation bar.
2. Repeat step 1 with all the pages mentioned in description

Expected Result: Homepage loads correctly in all cases.

Priority: High

TC-03: Verify Navigation to Company Page from All Pages

Description: Check that the user can navigate to the Company page from all other pages (Home, Products, Contact, and sidebar "Product Application Categories" links.)

Preconditions: User is on any site page.

Steps to Execute:

1. From Home page, click COMPANY in nav bar.
2. Repeat step 1 with all the pages mentioned in description

Expected Result: Company page loads correctly in all cases with its relevant content and images.

Priority: High

TC-04: Verify Navigation to Products Page from All Pages

Description: Check that the user can navigate to the Products page from all other pages. (Home, Company, Contact, and sidebar "Product Application Categories" links.)

Preconditions: User is on any site page.

Steps to Execute:

1. From Home page, click PRODUCTS in nav bar.
2. Repeat step 1 with all the pages mentioned in description

Expected Result: Products page loads correctly in all cases with its relevant content and images.

Priority: High

TC-05: Verify Navigation to Contact Page from All Pages

Description: Check that the user can navigate to the Contact page from all other pages. (Home, Company, Products, and sidebar "Product Application Categories" links.)

Preconditions: User is on any site page.

Steps to Execute:

1. From Home page, click CONTACT in nav bar.
2. Repeat step 1 with all the pages mentioned in description

Expected Result: Contact page loads correctly in all cases with its relevant content and images.

Priority: High

TC-06: Verify Sidebar 'Product Application Categories' Links from All Pages

Description: Check that each Product Application Category link works from all pages and displays relevant content.

Preconditions: User is on any site page.

Steps to Execute:

1. From Home, click each Product Application Category link in the sidebar.
2. Repeat from Company, Products, and Contact pages with every category.

Expected Result: Each category page loads with content relevant to that category.

Priority: High

TC-07: Verify 'Printable Product List' Link Works Correctly

Description: Check that the Printable Product List link opens the correct document.

Preconditions: User is on the homepage.

Steps to Execute:

- Click PRINTABLE PRODUCT LIST in the sidebar.

Expected Result: Correct PDF product list opens or downloads successfully.

Priority: Medium

TC-08: Verify Search Bar Functionality

Description: Check that the search bar returns correct results for valid queries.

Steps to Execute:

1. Open the site.
2. Enter a valid keyword (e.g., 'Adhesive').
3. Press Enter.

Expected Result: Valid query returns relevant search results with its valid content.

Priority: High

TC-09: Search Functionality with Invalid Query

Description: Check that the search bar returns appropriate messages for invalid ones.

Steps to Execute:

1. Open the site.
2. Enter an invalid keyword (e.g., 'xyz123').
3. Press Enter.

Expected Result: Invalid query shows a 'No results found' message.

Priority: High

TC-10: Verify Correct Content is Displayed on Each Page

Description: Ensure that each page displays the correct text and images according to its purpose.

Preconditions: User has access to all site pages.

Steps to Execute:

1. Open each page (Home, Company, Products, Contact, each Product Application Category).
2. Verify page text is correct and unique.
3. Verify all images load correctly without broken links.

Expected Result: Each page displays correct and unique text, and all images load successfully.

Priority: High