

Website Navigation & Content Verification – Test Cases

TC001 – Verify Homepage Loads Successfully

- **Preconditions:** User is on a supported browser with internet connection.
 - **Steps:**
 1. Navigate to the homepage URL.
 - **Expected Result:** Homepage loads with header, navigation menu, and main content visible.
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TC002 – Verify Navigation to Company Page

- **Preconditions:** Homepage is loaded.
 - **Steps:**
 1. Click on "**COMPANY**" link in the header menu.
 - **Expected Result:** Company page loads with expected company information.
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TC003 – Verify Navigation to Products Page

- **Preconditions:** Homepage is loaded.
 - **Steps:**
 1. Click on "**PRODUCTS**" link in the header menu.
 - **Expected Result:** Products page loads with product categories and descriptions.
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TC004 – Verify Navigation to Contact Page

- **Preconditions:** Homepage is loaded.
 - **Steps:**
 1. Click on "**CONTACT**" link in the header menu.
 - **Expected Result:** Contact page loads with contact details and form (if available).
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TC005 – Verify Search Functionality

- **Preconditions:** Homepage is loaded.

- **Steps:**
 1. Enter a valid keyword in the search box.
 2. Click on the search button.
 - **Expected Result:** Relevant search results are displayed.
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TC006 – Verify Product Categories Are Visible

- **Preconditions:** Products page is loaded.
 - **Steps:**
 1. Scroll to the product categories section.
 - **Expected Result:** List of product categories is displayed correctly.
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TC007 – Verify All Navigation Links Are Working

- **Preconditions:** Homepage is loaded.
 - **Steps:**
 1. Click each navigation link.
 - **Expected Result:** Each link navigates to the correct page without errors.
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TC008 – Verify Homepage Content Is Correct

- **Preconditions:** User is on a supported browser with internet connection.
 - **Steps:**
 1. Navigate to the homepage.
 2. Review text, images, and layout.
 3. Compare with expected homepage design and content requirements.
 - **Expected Result:** Homepage displays all sections (header, banners, main content) with correct text, images, and formatting.
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TC009 – Verify Company Page Content Is Correct

- **Preconditions:** Homepage is loaded.
- **Steps:**
 1. Click on "**COMPANY**" in the navigation menu.
 2. Review the company description, mission, and related sections.
 3. Compare with the expected company information from requirements.
- **Expected Result:** Company page displays correct and complete details with no typos or missing sections.

TC010 – Verify Products Page Content Is Correct

- **Preconditions:** Homepage is loaded.
- **Steps:**
 1. Click on "**PRODUCTS**" in the navigation menu.
 2. Review the list of products, descriptions, and images.
 3. Compare with the product catalog in requirements.
- **Expected Result:** Products page shows all product categories, descriptions, and images correctly with proper formatting.

TC011 – Verify Contact Page Content Is Correct

- **Preconditions:** Homepage is loaded.
- **Steps:**
 1. Click on "**CONTACT**" in the navigation menu.
 2. Review contact details, form fields, and any map/location details.
 3. Compare with expected contact information.
- **Expected Result:** Contact page displays correct address, phone, email, and form fields without errors.

TC013 – Verify Website Responsiveness on Different Devices

- **Preconditions:** Access to different devices or browser responsive tools.
- **Steps:**
 1. Open the website on desktop, tablet, and mobile devices (or use browser responsive mode).
 2. Verify layout adjusts correctly on each screen size.
 3. Ensure navigation, images, and content remain usable without overlapping or cutoff text.
- **Expected Result:** Website adapts correctly to all screen sizes without broken elements, horizontal scroll bars, or overlapping content.

TC014 – Verify Design Matches Reference Design

- **Preconditions:** Reference design mockups or guidelines are available.
- **Steps:**
 1. Open each website page.
 2. Compare layout, colors, spacing, and placement with the reference design.

3. Check for alignment and element size accuracy.
 - **Expected Result:** Website matches approved design in layout, color scheme, and element placement without significant deviations.
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TC015 – Verify Font Consistency Across Website

- **Preconditions:** Website is loaded on a supported browser.
 - **Steps:**
 1. Navigate to all pages (Homepage, Company, Products, Contact).
 2. Check font type, size, weight, and color for headings, paragraphs, and links.
 3. Verify styles are consistently applied where intended.
 - **Expected Result:** Fonts are consistent in size, style, and color according to design specifications.
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TC016 – Verify PDF Opens Correctly

- **Preconditions:** User has internet access and the provided PDF link is accessible.
 - **Steps:**
 1. Navigate to **IJTAG-Technology-IEEE-1687-slides.pdf**.
 2. Wait for the PDF to load in the browser.
 3. Verify all pages load without errors.
 4. Compare PDF content with the expected document.
 - **Expected Result:**
 - PDF opens without errors.
 - All pages display correctly.
 - Content matches original source without distortion or missing elements.
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TC017 – Verify Product Categories Display Correct Data

- **Preconditions:** Product Categories section is loaded, and database/API contains valid data.
- **Steps:**
 1. Navigate to the Product Categories section.
 2. Verify all available categories are displayed.
 3. Compare category names and expected data.
 4. Click each category and verify correct product listing page loads.
- **Expected Result:**
 - All categories display correct names, images, and order.
 - Links navigate to correct product pages.

- No missing or incorrect category data.