Test Cases for home

Generated on: 2025-03-31 12:55:08

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| Test Case ID | Description | Preconditions | Test Steps | Expected Results | Test Data | Priority |
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| Test Case ID | Test Case Description | Preconditions | Test Steps | Expected Results | Test Data | Priority |
| TC\_HOME\_001 | Verify page title | Home page is loaded | Check the page title. | Page title should be "Home" | "Home" | High |
| TC\_HOME\_002 | Verify navigation links | Home page is loaded | Click on each navigation link (e.g., About Us, Contact, Services). | Each link should navigate to the corresponding page. | Links: About Us, Contact, Services | High |
| TC\_HOME\_003 | Verify hero image display | Home page is loaded | Observe the hero image. | Hero image should be displayed correctly (size, quality). | N/A | Medium |
| TC\_HOME\_004 | Verify text content display | Home page is loaded | Check all text content (headings, paragraphs). | All text should be displayed correctly without errors. | N/A | Medium |
| TC\_HOME\_005 | Verify button functionality | Home page is loaded; Button exists | Click on a button (e.g., Learn More). | Button should trigger the expected action (e.g., navigation, modal popup). | Button label: "Learn More" | High |
| TC\_HOME\_006 | Verify responsiveness on different screen sizes | Home page is loaded | Resize the browser window to different screen sizes (desktop, tablet, mobile). | Page should adapt and display correctly on all screen sizes. | Screen sizes: 1920x1080, 1024x768, 375x667 | High |
| TC\_HOME\_007 | Verify image loading on slow internet connection | Home page is loaded using a slow internet connection. | Observe the loading of images. | Images should load eventually, with appropriate loading indicators. | Simulated slow internet connection | Medium |
| TC\_HOME\_008 | Verify error handling for broken image | Home page is loaded with a deliberately broken image link. | Observe the behavior when an image fails to load. | A placeholder image or error message should be displayed instead of a broken image link. | Broken image URL | Medium |
| TC\_HOME\_009 | Verify form submission (if applicable) | Home page is loaded; Contact form exists | Fill out the contact form with valid data and submit. | Form should submit successfully and display a success message. | Valid form data | High |
| TC\_HOME\_010 | Verify form validation (if applicable) | Home page is loaded; Contact form exists | Submit the form with invalid data (e.g., missing required fields). | Appropriate error messages should be displayed for invalid fields. | Invalid form data | High |
| TC\_HOME\_011 | Verify accessibility (alt text for images) | Home page is loaded | Check if all images have appropriate alt text. | All images should have descriptive alt text for accessibility. | N/A | Medium |
| TC\_HOME\_012 | Verify page loading time | Home page is loaded | Measure the page loading time. | Page should load within an acceptable timeframe (e.g., under 3 seconds). | N/A | Medium |
| TC\_HOME\_013 | Verify handling of very large hero image | Home page is loaded with a very large hero image. | Observe the page behavior. | The page should not crash or become unresponsive; image might be scaled. | Very large image file | Low |
| TC\_HOME\_014 | Verify no JavaScript errors in console | Home page is loaded | Open browser developer tools and check the console. | No JavaScript errors should be present. | N/A | High |
| TC\_HOME\_015 | Verify correct handling of empty data sections | Home page is loaded with empty sections (e.g., no testimonials). | Observe the layout and behavior of the empty sections. | Sections should display gracefully without errors or unexpected behaviour. | N/A | Low |
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