**TEST CASE TEMPLATE**

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| |  |  | | --- | --- | | **Project Name** | www.npmjs.com | | **Priority** | High | | **Description** | Front-end testing of the www.npmjs.com home page and login functionality. | | **Test Objective** | Frontend & backend | | |  |  | | --- | --- | | **Test Case Author** | Devanand Utkarsh | | **Test Case Reviewer** | Priyanka ma’am | | **Test Case Version** | V1 | | **Test Execution Date** | 10/01/2024 | |

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| **Test ID** | **Test Case Name** | **Test Steps** | **Input Data** | **Expected Results** | **Actual Results** | **Test Environment** | **Execution Status** | **Bug Severity** | **Bug Priority** | **Notes** |
| **Tc 01** | |  | | --- | |  |  |  | | --- | | **Verify the alignment of UI elements** | | Load the website on different devices (smartphone, tablet, laptop). | N/A | All UI elements are aligned consistently across all screen sizes. | Alignment consistency observed​ | All device. | Pass | High | High | |  | | --- | |  |  |  | | --- | | Check across all devices. | |
| **Tc 02** | **Check color consistency of elements** | Observe the colors of UI components (buttons, backgrounds, text). | N/A | |  | | --- | |  |  |  | | --- | | Colors remain consistent across pages and devices. | | Not explicitly mentioned in the document. | All device. | Medium | N/A | High | Manual verification using color accessibility tools. |
| **Tc 03** | **Validate button functionality** | Click all actionable buttons (e.g., login, navigation buttons). | N/A | Buttons perform their expected actions without errors. | No specific issues noted​ | All device. | Medium | High | High | Ensure all buttons tested. |
| **Tc 04** | **Test the responsiveness of the website** | Load the website on multiple devices with varying screen sizes. | N/A | Website should be fully responsive without layout issues. | Passed on laptops but failed on mobile​ |  | Partial Pass | low | High | Optimize for mobile. |
| **Tc 05** | |  | | --- | |  |  |  | | --- | | **Verify text readability** | | Check font sizes, colors, and contrasts. | N/A | Text is easily readable across devices. | Mobile readability is poor​ | All device. | Partial Pass | low | Medi-um | Ensure proper font scaling. |
| **Tc 06** | **Test image loading and visibility** | Load the website and observe images. | N/A | Images should load quickly and display correctly. | Slow image loading noted for some content​ | All device. | Partial Pass | High | High | Optimize image loading. |
| **Tc 07** | **Validate hyperlink functionality** | Click all hyperlinks to ensure they navigate to the intended pages. | N/A | All hyperlinks work as expected. | Not explicitly tested; manual verification needed. | All device. | Medium | High | High | Ensure no broken links. |
| **Tc 08** | **Test input field validations** | Enter valid and invalid inputs in text fields (e.g., login fields). | Valid / Invalid inputs. | Fields validate data and provide appropriate feedback. | Validation works for login fields​. | All device. | PASS | High | High | Add tests for other input fields |
| **Tc 09** | **Verify hover effects** | Hover over buttons, links, and interactive elements. | N/A | Appropriate hover effects are displayed. | Not explicitly tested; manual verification needed. | All device. | Medium | low | low | Test interactive element |
| **Tc 10** | **Validate UI responsiveness to keyboard navigation** | Navigate the website using keyboard inputs (tab, arrow keys, etc.). | Keyboard inputs | UI responds properly to keyboard navigation. | Not explicitly tested; manual testing needed. | All device. | Partial Pass | low | low | Include accessibility checks. |

**DISCLAIMER**

The test cases outlined in this document are created based on the current design and functionality of the website. They are intended solely for use in validating the front-end features and ensuring the quality of the user interface and experience.

While every effort has been made to ensure the accuracy and completeness of these test cases, they are not exhaustive. Additional testing may be required for new features, updates, or changes to the website.