Test Case Document for Home Page Features

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# 1. Introduction

This document outlines the test cases for verifying the functionality of the home page of the website, excluding translation services and social media sharing features.

# 2. Features to be Tested

* Navigation Bar
* Search Functionality
* Featured Content/Slider
* Login/Signup
* Footer Links
* Contact Form
* Announcements/News Section
* Accessibility

# 3. Test Cases

## 3.1. Navigation Bar

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-01 | Verify presence of the navigation bar | Home page is loaded | 1. Open home page | Navigation bar is visible at the top of the page |
| TC-02 | Verify navigation links | Home page is loaded | 1. Click on each link in the navigation bar | Each link redirects to the correct page |
| TC-03 | Verify responsive navigation bar | Home page is loaded | 1. Resize the browser window 2. Observe navigation bar | Navigation bar adjusts and functions correctly on all screen sizes |

## 3.2. Search Functionality

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-04 | Verify presence of the search bar | Home page is loaded | 1. Open home page | Search bar is visible on the page |
| TC-05 | Verify search with valid query | Home page is loaded | 1. Enter a valid query 2. Press Enter | Relevant search results are displayed |
| TC-06 | Verify search with invalid query | Home page is loaded | 1. Enter an invalid query 2. Press Enter | "No results found" message is displayed |
| TC-07 | Verify responsive search bar | Home page is loaded | 1. Resize the browser window 2. Observe search bar | Search bar adjusts and functions correctly on all screen sizes |

## 3.3. Featured Content/Slider

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-08 | Verify presence of the slider | Home page is loaded | 1. Open home page | Slider is visible on the page |
| TC-09 | Verify slider auto-play | Home page is loaded | 1. Open home page 2. Observe the slider | Slider transitions smoothly between featured items |
| TC-10 | Verify slider navigation controls | Home page is loaded | 1. Use next/previous controls on slider | Slider navigates to the next/previous item correctly |
| TC-11 | Verify click on featured item | Home page is loaded | 1. Click on a featured item in the slider | Redirects to the correct page for the featured item |

## 3.4. Login/Signup

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-12 | Verify presence of login/signup buttons | Home page is loaded | 1. Open home page | Login/signup buttons are visible on the page |
| TC-13 | Verify login button | Home page is loaded | 1. Click login button | Login modal/page opens |
| TC-14 | Verify signup button | Home page is loaded | 1. Click signup button | Signup modal/page opens |
| TC-15 | Verify successful login | Home page is loaded | 1. Click login button 2. Enter valid credentials 3. Submit | User is logged in successfully |
| TC-16 | Verify login error message | Home page is loaded | 1. Click login button 2. Enter invalid credentials 3. Submit | Appropriate error message is displayed |
| TC-17 | Verify successful signup | Home page is loaded | 1. Click signup button 2. Enter valid details 3. Submit | User is signed up successfully |
| TC-18 | Verify signup error message | Home page is loaded | 1. Click signup button 2. Enter invalid details 3. Submit | Appropriate error message is displayed |

## 3.5. Footer Links

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-19 | Verify presence of footer | Home page is loaded | 1. Open home page | Footer is visible at the bottom of the page |
| TC-20 | Verify footer links | Home page is loaded | 1. Click on each link in the footer | Each link redirects to the correct page |
| TC-21 | Verify responsive footer | Home page is loaded | 1. Resize the browser window 2. Observe footer | Footer adjusts and functions correctly on all screen sizes |

## 3.6. Contact Form

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-22 | Verify presence of contact form | Home page is loaded | 1. Open home page | Contact form is visible on the page |
| TC-23 | Verify successful form submission | Home page is loaded | 1. Enter valid data into form 2. Submit form | Message is sent successfully |
| TC-24 | Verify form error messages | Home page is loaded | 1. Enter invalid data into form 2. Submit form | Appropriate error message is displayed |
| TC-25 | Verify responsive contact form | Home page is loaded | 1. Resize the browser window 2. Observe contact form | Contact form adjusts and functions correctly on all screen sizes |

## 3.7. Announcements/News Section

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-26 | Verify presence of announcements/news section | Home page is loaded | 1. Open home page | Announcements/news section is visible on the page |
| TC-27 | Verify click on news item | Home page is loaded | 1. Click on a news item | Redirects to the correct page for the news item |
| TC-28 | Verify section updates | Home page is loaded | 1. Open home page 2. Observe announcements/news section | Section displays the latest announcements/news |

## 3.8. Accessibility

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case ID | Description | Precondition | Steps | Expected Result |
| TC-29 | Verify images have alt text | Home page is loaded | 1. Open home page 2. Inspect images | All images have appropriate alt text |
| TC-30 | Verify keyboard navigation | Home page is loaded | 1. Use keyboard to navigate through the page | Home page is navigable using a keyboard |
| TC-31 | Verify screen reader compatibility | Home page is loaded | 1. Use screen reader to navigate through the page | Home page is screen reader friendly |