Generated Test Cases

# ID: 1 - Home Page Load

Description: Verify that the home page loads successfully and the main header is visible.

Type: Functional

Selector: h1#main-header

# ID: 2 - Navigation to About Page

Description: Click on the 'About' link and validate navigation to the About page.

Type: Functional

Selector: a[href="/about"]

# ID: 3 - Sign Up Page Visibility

Description: Ensure that the sign-up form is displayed when visiting the sign-up page.

Type: Functional

Selector: #signup-form

# ID: 4 - Sign Up Validation

Description: Test form validation by submitting empty fields on the sign-up form.

Type: Functional

Selector: input[name="email"]

# ID: 5 - Login with Valid Credentials

Description: Log in with valid credentials and assert redirection to the dashboard.

Type: Functional

Selector: #login-form

# ID: 6 - Login with Invalid Credentials

Description: Attempt login with invalid credentials and verify an error message is displayed.

Type: Functional

Selector: #login-form

# ID: 7 - Forgot Password Flow

Description: Test the forgot password flow by submitting an email address.

Type: Functional

Selector: #forgot-password-form

# ID: 8 - Search Functionality

Description: Input a search term in the search box and verify that search results are displayed.

Type: Functional

Selector: #search-box

# ID: 9 - Pagination Navigation

Description: Verify that pagination controls navigate between pages correctly.

Type: Functional

Selector: .pagination a

# ID: 10 - File Download Trigger

Description: Initiate a file download and confirm the download starts.

Type: Functional

Selector: .download-link

# ID: 11 - Responsive Design – Mobile

Description: Test that the layout adapts correctly on a mobile screen width.

Type: Responsive

Selector: body

# ID: 12 - Responsive Design – Desktop

Description: Verify that the layout renders correctly on a desktop screen width.

Type: Responsive

Selector: body

# ID: 13 - Accessibility – Images Alt Text

Description: Check that all images include non-empty alt attributes for accessibility.

Type: Accessibility

Selector: img

# ID: 14 - Accessibility – Keyboard Navigation

Description: Ensure that page navigation works using keyboard only (Tab, Enter).

Type: Accessibility

Selector: body

# ID: 15 - SEO – Meta Description

Description: Verify that the page has a meta description tag.

Type: SEO

Selector: meta[name="description"]

# ID: 16 - Cookie Consent – Accept Banner

Description: Accept the cookie banner and verify that the banner disappears.

Type: Functional

Selector: #cookie-consent-accept

# ID: 17 - Logout Functionality

Description: Click the logout button and confirm redirection to the login page.

Type: Functional

Selector: #logout-btn

# ID: 18 - Role-Based Content Visibility

Description: Verify that premium content is visible only to logged-in premium users.

Type: Functional

Selector: #premium-content

# ID: 19 - Performance – Page Load Time

Description: Ensure the home page loads within three seconds under average network conditions.

Type: Performance

Selector: body

# ID: 20 - Security – XSS Prevention

Description: Input a malicious script into the comment box and ensure it is sanitized and not executed.

Type: Security

Selector: #comment-form textarea