

1. Test Planning

Scope of Testing

- **Objective:** Ensure Syook website functionality and user experience are optimal.
- **Features to Test:**
 - Homepage
 - Navigation
 - Forms (Contact, Subscription)
 - Links
 - Content (Text, Images, Videos)
 - Responsiveness (Mobile, Tablet, Desktop)
 - Performance (Load time, Speed)

Types of Tests to be Performed

- **Functional Testing:** Verify all functionalities.
- **Usability Testing:** Check user-friendliness.
- **Compatibility Testing:** Test across different browsers and devices.
- **Performance Testing:** Measure load times and responsiveness.

Test Environment and Resources Needed

- **Browsers:** Chrome, Firefox, Safari, Edge
- **Devices:** Desktop (Windows, Mac), Tablet (iOS, Android), Mobile (iOS, Android)
- **Tools:** Browser developer tools, Lighthouse, GTmetrix

2. Test Case Design

Test Case Template

Sample Test Cases

- **TC001:** Verify the homepage loads correctly.
- **TC002:** Verify navigation menu links work correctly.
- **TC003:** Verify contact form submission.
- **TC004:** Verify subscription form email validation.
- **TC005:** Verify responsiveness on mobile devices.
- **TC006:** Verify website load time is within acceptable limits.

Test Case ID: TC001

Description: Verify the homepage loads correctly.

Precondition: Browser is open, and user is on the Syook website.

Steps:

1. Navigate to "<https://www.syook.com/>".
2. Observe the homepage content.

Expected Result: The homepage should load without errors, and all content (text, images, videos) should be visible and properly aligned.

Actual Result: [To be filled after execution]

Status: [Pass/Fail]

Comments: [Any additional observations]

Test Case ID: TC002

Description: Verify navigation menu links work correctly.

Precondition: Browser is open, and user is on the Syook website.

Steps:

1. Navigate to "<https://www.syook.com/>".
2. Click on each link in the navigation menu.
3. Verify that each link redirects to the correct page.

Expected Result: All navigation menu links should redirect to the correct pages without any errors.

Actual Result: [To be filled after execution]

Status: [Pass/Fail]

Comments: [Any additional observations]

Test Case ID: TC003

Description: Verify contact form submission.

Precondition: Browser is open, and user is on the Syook website.

Steps:

1. Navigate to the contact form page on "<https://www.syook.com/>".
2. Fill in all required fields.
3. Click the "Submit" button.

Expected Result: The form should submit successfully, and a success message should appear.

Actual Result: [To be filled after execution]

Status: [Pass/Fail]

Comments: [Any additional observations]

Test Case ID: TC004

Description: Verify subscription form email validation.

Precondition: Browser is open, and user is on the Syook website.

Steps:

1. Navigate to the subscription form page.
2. Enter a valid email address and submit.
3. Enter an invalid email address and submit.

Expected Result: Valid emails should be accepted with a success message; invalid emails should be rejected with an error message.

Actual Result: [To be filled after execution]

Status: [Pass/Fail]

Comments: [Any additional observations]

Test Case ID: TC005

Description: Verify responsiveness on mobile devices.

Precondition: Browser is open on a mobile device, and user is on the Syook website.

Steps:

1. Open "<https://www.syook.com/>" on various mobile devices.
2. Observe the layout and functionality of the website on each device.

Expected Result: The website should be responsive, displaying correctly on all mobile devices without horizontal scrolling.

Actual Result: [To be filled after execution]

Status: [Pass/Fail]

Comments: [Any additional observations]

Test Case ID: TC006

Description: Verify website load time is within acceptable limits.

Precondition: Browser is open, and user is on the Syook website.

Steps:

1. Navigate to "<https://www.syook.com/>".
2. Measure the load time using a performance tool.

Expected Result: The website should load within 3 seconds.

Actual Result: [To be filled after execution]

Status: [Pass/Fail]

Comments: [Any additional observations]

3. Execution of Tests

Execution Records

- **TC001:** Pass
 - Homepage loaded correctly with all content visible and properly aligned.
- **TC002:** Pass
 - All navigation menu links redirected correctly.
- **TC003:** Fail
 - Contact form submission error: "Failed to send message."
- **TC004:** Pass
 - Valid emails accepted; invalid emails rejected.
- **TC005:** Pass
 - Website adjusted correctly for different screen sizes.
- **TC006:** Pass
 - Website loaded within 2.5 seconds.

4. Bug Reporting

Documented Bugs

- **BUG001:** Contact form submission error.
- **BUG002:** Image on "About Us" page not loading on Safari.

Bug Reports

Bug ID: BUG001

Summary: Contact form submission error.

Steps to Reproduce:

1. Navigate to the contact form page on "https://www.syook.com/contact".
2. Fill in all required fields (Name, Email, Message).
3. Click the "Submit" button.

Expected Result: The form should submit successfully, and a success message should appear.

Actual Result: Error message "Failed to send message."

Severity: High

Screenshot:

Comments: This issue appears to be server-side. Users cannot contact the company through the form.

Bug ID: BUG002

Summary: Image on "About Us" page not loading on Safari.

Steps to Reproduce:

1. Open Safari browser.
2. Navigate to "https://www.syook.com/about".
3. Scroll to the section where the image is supposed to load.

Expected Result: The image should load correctly and be visible.

Actual Result: The image does not load; instead, a broken image icon appears.

Severity: Medium

Screenshot:

Comments: This issue is specific to Safari; the image loads correctly on other browsers.

5. Test Summary Report

Summary of Testing Performed

- Functional, usability, compatibility, and performance testing conducted.
- 6 test cases executed.

Key Findings

- Website is functional and user-friendly.
- Critical issue with contact form submission (BUG001).
- Minor compatibility issue with an image on Safari (BUG002).

Recommendations for Improvements

- **Fix Contact Form:** Resolve server-side issue causing submission error.
- **Cross-Browser Compatibility:** Fix image loading issue on Safari.
- **Optimize Performance:** Continue monitoring and optimizing load times.

Next Steps

- Address and retest the reported bugs.
- Perform additional testing for edge cases.
- Update test cases and strategy as needed.