

Contact Form Automated Test Report

Executive Summary

This report documents the automated testing of the contact form <https://wearenotch.com/contact/>. Tests were implemented using Playwright with Python, following the Page Object Model pattern.

Test Environment

- URL:** <https://wearenotch.com/contact/>
- Framework:** Playwright with Python
- Test Runner:** pytest
- Browser:** Chromium (configurable)

Key Components

- Page Object Model:** Encapsulates page elements and actions
- Cookie Handling:** Automatically handles cookie consent popups
- Flexible Configuration:** Supports both mocked and real form submissions

Test Categories

Functional Tests

Test Case	Description	Status
test_page_loads_successfully	Verifies page loads and submit button is visible	PASS
test_required_fields_validation	Verifies required fields validation on page submission	PASS
test_successful_form_submission_minimal_data	Tests submission with only required fields	PASS
test_privacy_policy_link_has_valid_href	Tests privacy policy link has a valid href attribute	FAIL
test_invalid_name_validation	Tests name input is validated	FAIL
test_successful_form_submission_complete_data	Tests submission with all fields populated	PASS

test_email_field_validation	Validates various email formats are accepted	PASS
test_phone_field_accepts_various_formats	Tests different phone number formats	PASS
test_hear_about_dropdown_selections	Verifies all dropdown options work	PASS
test_budget_dropdown_selections	Tests budget selection functionality	PASS
test_service_checkboxes	Validates all service checkboxes function	PASS
test_consent_checkbox_required	Confirms consent checkbox is mandatory	PASS
test_form_field_character_limits	Tests handling of long input text	PASS

Identified Issues

1. **Privacy policy link:** Privacy policy link is empty
2. **Input Validation:** Single special characters (like "-") accepted as valid names
3. **Misleading UI:** Services section shows asterisk (*) but is not required

Recommendations

1. **Fix privacy policy link** - Add actual working link to the document
2. **Implement proper name validation** - Only non-special lowercase or uppercase characters shall be allowed as name inputs
3. **Fix services requirement** - Either make it required or remove asterisk

Testing Enhancements

1. **Cross-browser testing** - Test on Firefox, Safari, Edge
2. **Mobile testing** - Verify functionality on mobile devices
3. **Performance testing** - Test form under various network conditions

Conclusion

Privacy policy empty link and some validation weaknesses were identified that could impact data quality and user experience.

Overall Assessment: 11/13 tests passing (84.6% pass rate)

Risk Level

- High – Missing privacy policy link
- Medium - Form functions but has validation gaps