

WordPress form behavior

Validation, repeated submissions and controlled mail outcomes

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16 checks passed

Recorded local test run
WordPress 7.1 / PHP 8.3.33 / SQLite

WHAT I BUILT

A sandbox-only WordPress plugin with a shortcode form and REST endpoint. It validates a fictional submission, records a reference before attempting mail, and returns a defined outcome for acceptance, failure or a repeat request.

BEHAVIOR COVERED BY THE TESTS

Input validation	Reject malformed JSON, extra personal-data fields, invalid references, oversized bodies, wrong content types and foreign origins.
Repeated submissions	Reuse a recorded result across separate HTTP requests; reject conflicting content for the same reference without another mail attempt.
Mail failure handling	Hold simulated false/exception outcomes for review instead of retrying blindly or reporting them as delivered.
Sandbox boundaries	Block mail attempts when sandbox mode is disabled or the WordPress environment is set to production.

WHAT THIS EVIDENCE DOES NOT PROVE

This is an independent engineering sample, not a client project or a production plugin. The `pre_wp_mail` hook intercepts mail: no SMTP transport, external inbox placement or customer results are demonstrated. Tests use one PHP worker; multi-worker races and crash recovery are not established.

For client work: reproduce the reported fault, agree a limited repair, test the affected flow and coordinate actual destination receipt before handover.

Evidence: `wordpress-verification.txt` and the matching source/test archive. Discuss the site and scope here on Upwork.