

AI Test Case Review Checklist

Review AI-generated test cases for accuracy, coverage, ambiguity, duplication, and real business-rule fit before they enter your test suite.

Purpose

Use this checklist whenever a tester, developer, product owner, or AI assistant generates test cases that need human review before execution or automation.

1. Requirement Alignment

- The test case maps to a real requirement, user story, acceptance criterion, risk, or known production behavior.
- The expected result reflects product behavior, not a generic testing assumption.
- Business rules, permissions, states, and workflow dependencies are explicitly represented.
- The case does not invent functionality that is absent from the requirement or product.

2. Coverage Quality

- Positive, negative, boundary, error, role-based, and state-transition scenarios are represented where relevant.
- High-risk paths and high-frequency user journeys are prioritized before low-value permutations.
- Edge cases include realistic data shapes, invalid inputs, empty states, timeouts, and recovery paths.
- The set avoids shallow coverage that only checks happy paths.

3. Clarity and Executability

- Preconditions, test data, steps, and expected results are clear enough for another tester to execute.
- Each test validates one main behavior or decision point.
- Steps are observable and avoid vague language such as verify correctly or works as expected.
- The case identifies required environment, browser, device, account, or API state when needed.

4. AI-Specific Risk Review

- No hallucinated fields, screens, APIs, user roles, integrations, or error messages are present.
- Duplicate or near-duplicate test cases have been removed or consolidated.
- Generated assertions are specific and testable, not broad product-quality statements.
- Sensitive data, credentials, customer examples, and production identifiers are not included.

5. Automation Readiness

- Stable selectors, deterministic data setup, and cleanup needs are understood before automation.
- The test is not automated if it is exploratory, highly visual, unstable, or low-value.
- Assertions are resilient to minor copy, layout, or timing changes unless those changes are the point.
- Maintenance cost is reasonable compared with regression value and execution frequency.

Sign-off Notes

- Reviewer name and date are captured in the team system of record.
- Open questions are routed to product, design, engineering, or security

before execution.

- Approved test cases are tagged by risk, feature, source, and automation candidacy.