**Bug Life Cycle (Bug Report) Part 1**

New/Reported

Triaged

Assigned

In Progress

Resolved (Fixed)

QA/Review

Verified

Closed

Reopened

Duplicate

Invalid

Won't Fix / Deferred

Figure 1. Typical bug life cycle (example flow; exact states vary by tool/project).

**New/Reported:**

Tester or user files a bug with steps to reproduce, expected vs. actual behavior, and evidence (logs, screenshots). A unique ID is created.

**Triaged:**

Team checks if the report is valid, reproducible, and prioritized. Severity and priority are set; component and version are identified.

**Assigned:**

A developer or team is assigned to investigate and implement a fix (owner set).

**In Progress:**

Developer reproduces, debugs, and implements a code/configuration change. Links commit/PR to the bug.

**Resolved (Fixed):**

Developer marks the bug Resolved with a Resolution (e.g., Fixed). In Bugzilla, RESOLVED means a fix is in place or a terminal decision is made.

**QA/Review:**

Build with the fix is deployed to a test environment. QA executes targeted and regression tests.

**Verified:**

QA confirms the fix works and no regressions were introduced; status moves to Verified.

**Closed:**

The issue no longer needs tracking. In many workflows, Verified Closed; some close

**References:**immediately on verification.

1. BrowserStack: 'Bug Life Cycle in Testing', Dec 12, 2024.
2. Fedora (Bugzilla) 'Bug Status Workflow' (RESOLVED vs CLOSED).