

# **Defect Dashboard**

## **Loan Management System (Waterfall)**

**Version: 1.0**

**Release Model: Sequential SDLC (Waterfall)**

**Document Type: Defect Dashboard Document**

**Prepared By: QA Analyst**

**Reviewed By: Product Owner**

**Approval Status: Approved for System Testing**

## Revision History

Version	Date	Author	Description
1.0	2026-02-18	Sanyogita Herwathe (QA)	Initial Waterfall Enterprise Release Version

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## Approval & Sign-Off

<b>Prepared By:</b> QA – Sanyogita Herwathe
<b>Reviewed By:</b> Product Owner
<b>Approved By:</b> Engineering Manager
<b>Approval Status:</b> Approved for Release Governance

## 1. Objective

This dashboard provides executive-level visibility into defect trends, release readiness, and quality stability across the WebLoan LMS lifecycle.

It enables:

- Risk-based release decisions
- Build health assessment
- Quality maturity tracking
- Stakeholder transparency

## 2. Defect Overview Summary

Metric	Value
Total Defects Logged	36
Closed	18
Deferred	18
Reopened	0
Rejected	0
Critical Open at Release	0

## 3. Severity Distribution

Severity	Count	%
Critical	6	17%
High	4	11%
Medium	14	39%
Low	12	33%

### Insight:

- 100% of Critical & High defects were resolved before release.
- Remaining Medium/Low items were business-approved deferrals.

#### 4. Build-wise Defect Trend

Build	Major Observations
3.1.01	High defect density (core flow instability)
3.1.02	Critical issues resolved
3.1.03	Backend validation stabilization
3.1.04	UI corrections & regression fixes
3.1.05	Data handling improvements
3.1.06	Release stabilization build

Trend shows declining defect density across builds.

#### 5. Defect Density Trend

Phase-wise:

- Early integration → High density
- Mid-cycle → Controlled fixes
- Final build → Stabilized

Conclusion:

Progressive quality hardening across lifecycle.

#### 6. Defect Aging Analysis

Aging Bucket	Observation
0–3 Days	Critical & High resolved
4–7 Days	Medium fixes
>7 Days	Deferred (Business-approved)

No uncontrolled aging of critical defects observed.

#### 7. Root Cause Distribution

Category	Observation
Functional Logic	Logic duplication, dashboard update issues
Backend Integration	500 server error, file handling

Category	Observation
Validation Gaps	Search logic, duplicate entries
UI Defects	Label misspellings, field states

## 8. Release Readiness Gate Criteria

Release approved only when:

- ✓ 0 Critical defects
- ✓ 0 High defects
- ✓ All core workflows validated
- ✓ Regression suite executed
- ✓ Stakeholder sign-off received

## 9. Quality KPIs Achieved

KPI	Result
Critical Leakage	0%
High Leakage	0%
Reopen Rate	0%
Regression Stability	100%
Release Approval Confidence	High

## 10. Executive Summary

The WebLoan LMS release demonstrated:

- Controlled defect lifecycle governance
- Structured triage discipline
- Progressive quality stabilization
- Zero high-risk defect leakage

The quality dashboard confirms enterprise-level QA maturity.