

# **Requirements Traceability Matrix (RTM)**

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

**Version:** 1.0

**Document Type:** Executive RTM

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

### **Disclaimer**

This RTM is part of a training-based Loan Management System (LMS) project created for QA portfolio demonstration purposes.

All identifiers and data have been anonymize

## Revision History

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

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## Approval & Sign-Off

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

## 1. Executive Traceability Matrix

Requirement ID	Business Requirement Description	Linked Functional Req	Test Case IDs	Execution Status	Defect ID (If Any)
BR-01	User authentication with Branch, Username, Password	FR-01	TC-LGIN-01 to TC-LGIN-05	Passed	None
BR-02	Role-based access control enforcement	FR-02	TC-RBAC-01 to TC-RBAC-04	Passed	None
BR-03	User management capability	FR-03	TC-USER-01 to TC-USER-10	Passed	DEF-102 (Resolved)
BR-04	Customer management capability	FR-04	TC-CUST-01 to TC-CUST-15	Passed	DEF-105 (Resolved)
BR-05	Loan eligibility decision logic	FR-05, FR-06	TC-LOAN-01 to TC-LOAN-20	Passed	DEF-108 (Resolved)
BR-06	Prequalification letter generation	FR-07	TC-PDF-01 to TC-PDF-08	Passed	None
BR-07	Dashboard metrics display	FR-08	TC-DASH-01 to TC-DASH-05	Passed	

## 2. Coverage Summary

- Total Business Requirements: 7
- Total Functional Requirements Covered: 8
- Total Test Cases Executed: 94
- Critical Defects Open: 0
- High Severity Defects Open: 0
- Regression Status: Completed

## 3. Traceability Statement

All approved business requirements are fully traceable to functional requirements and validated through executed system test cases.

No open Critical or High severity defects remain for Release v1.0.