

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

Prepared By: QA Lead – Sanyogita Herwathe
Reviewed By: Product Owner
Approved By: Engineering Manager
Approval Status: 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.