Business Requirements Document
Loan Management System (Waterfall)

Version: 1.0
Release Model: Sequential SDLC (Waterfall)
Document Type: Business Requirements 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 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. Introduction

1.1 Purpose

The purpose of this document is to define the high-level business requirements for the Loan Management System (LMS).

The LMS is a web-based application designed to centralize customer loan processing and improve operational efficiency at the branch level.

This release follows a **Waterfall SDLC lifecycle**, including:

- Requirements
- Design
- Development
- System Testing
- User Acceptance Testing
- Production Deployment

1.2 Scope

In Scope

- Secure user authentication
- Role-based access control (RBAC)
- User management
- Customer management
- Loan processing and eligibility decision logic
- Automated prequalification letter generation
- Dashboard metrics and reporting

Out of Scope

- Payment gateway integration
- Credit bureau integration
- External banking APIs
- Mobile application support

1.3 Business Objectives

1. Provide secure access to authorized branch users.
2. Enforce role-based governance across system modules.
3. Automate loan eligibility decision-making logic.
4. Improve branch-level productivity through centralized data management.
5. Generate automated customer communication (approval/rejection letters).

2. High-Level Business Requirements

Requirement ID	Requirement Description	Priority
BR-01	System shall allow users to authenticate using Branch, Username, and Password.	High
BR-02	System shall restrict access based on defined user roles.	High
BR-03	System shall allow authorized users to manage branch users.	High
BR-04	System shall allow authorized users to create and manage customers	High
BR-05	System shall process loan eligibility based on defined income and debt rules.	Critical
BR-06	System shall generate approval or rejection letters automatically	High
BR-07	System shall display dashboard metrics for loan tracking.	Medium

3. Assumptions

- Users have secure credentials assigned.
- Loan decision logic is based solely on monthly income and monthly debt.
- Central Bank rate is available for calculation purposes.
- All users operate within a defined branch structure.

4. Constraints

- System is web-based only.
- Deployment environment is internal demonstration infrastructure.
- No external integrations in this release.

5. Non-Functional Requirements

The system will be considered ready for release when:

- All approved business requirements are implemented.
- System testing is completed.
- No Critical defects remain open.
- All High severity defects are resolved.
- User Acceptance Testing is completed successfully

6. Release Criteria

Upon meeting acceptance criteria, the LMS will proceed to deployment under version 1.0.