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Software Requirements Specification Document
&
Delivery Outline

Client:

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1. Introduction

The Finance-realm Loan Management System (FLMS) is designed to streamline customer registration, loan processing, tracking, and repayment management for financial institutions. The system aims to enhance efficiency, ensure regulatory compliance, and improve the user experience for customers and administrators alike. This document provides a comprehensive overview of system requirements, development phases, and deliverables using an Agile approach.

2. Project Overview

The FLMS project aims to provide:

- Robust customer registration and Know Your Customer (KYC) processes.
- Comprehensive loan processing and tracking features.
- Flexible payment management, including penalties and advance payments.
- Reporting capabilities and easy-to-use interfaces for different roles, including administrators and cashiers.

The project will be developed and delivered in sprints, allowing for regular client feedback and iterative improvements.

3. Scope of Work

The FLMS will include:

- User management and global administration functionalities.
 - Customer information management with multi-bank details and KYC.
 - Loan processing, tracking, and reporting.
 - Payment and penalty management.
 - Self-registration for customers and corporate loan options.
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4. Functional Requirements

Customer Management

- Capture multiple bank details for each customer.
- Self-registration for customers with KYC and document upload functionality.
- Mandatory fields for issue and optional expiry dates for documents.

Loan Processing

- Loan product selection and customization for corporate clients.
- Grace period management (5 days) before penalty application.
- Option for manually charged penalties as a percentage.
- Processing fees that are optional.
- Automatic generation of loan numbers.

Payment Management

- Manual and automatic (bank integrations) loan repayment options.
- Ability to handle advance payments and overpayments.
- Disbursement options that deduct processing fees from the principal amount.

Accounting Module

- Track financial transactions related to loans and payments.
- Generate detailed financial reports, including balance sheets, income statements, and transaction histories.
- Provide options for exporting financial data for external auditing and regulatory compliance

Reporting

- Customizable reports filtered by date range, loan status, and penalty types.
- Exportable reports for external analysis.

5. Non-Functional Requirements

- **Scalability:** The system should handle a growing number of users and loan records.
 - **Security:** Data encryption and access control to protect sensitive customer and financial information.
 - **Usability:** Intuitive user interfaces for both customers and administrative staff.
 - **Availability:** 99.9% uptime to ensure the system is accessible to users.
 - **Compliance:** Adherence to KYC standards and local financial regulations.
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6. Other Modules

6.1 Global Administration Module

This module enables the administration of user roles, permissions, and system configurations. The system administrator will manage users, set permissions, and oversee high-level system settings. Initial work has been completed in this area, with further configurations to be addressed during the project.

6.2 User Management Module

This module will support registration, self-registration, and management of customer data. It includes setting permissions, assigning roles, and managing access levels across the platform.

7. Agile Approach and Deliverables

An Agile methodology will be used to ensure flexibility, client feedback, and continuous improvement throughout the development. Key deliverables include:

1. **Sprint 1 - Core Setup and Configuration:**
 - Finalize Global Administration and User Management modules.
 - Customer registration and all related functionalities.
 - Set up and configure the KYC compliance processes.
 - Customer reports
2. **Sprint 2 - Loan Processing and Tracking:**
 - Loan settings
 1. Managing loan products
 - Loan enquiries
 1. Calculator
 2. Account statements
 - Development of loan application forms and processing flows.
 - Integration of loan disbursement and tracking features.
3. **Sprint 3 Grace period and penalty management.**
 - Grace period and penalty management.
 - Some loan customer reports
4. **Sprint 4 - Payment Management and Reporting:**
 - Implement manual and advance payment functionalities.
 - Develop reporting tools with filters for loan status, payment status, and penalties.
5. **Sprint 5 - System Testing and Compliance:**
 - Perform system testing for compliance, security, and usability.

- Gather feedback and finalize system adjustments.
 - 6. **Sprint 6 - Deployment and Training:**
 - System deployment on client servers.
 - Staff training sessions and final handover.
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8. Sprint Planning and Meetings

Weekly Sprint Meetings: Sprint planning and review meetings will be conducted each week to:

- Track progress and review completed tasks.
 - Adjust the sprint backlog based on feedback.
 - Outline objectives for the following sprint.
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9. Project Start and Payment Terms

Start of Work: Development work will commence upon receipt of the first installation payment.

Contact Information

For further information or project-related inquiries, please contact:

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