

ASA LOAN MANAGEMENT SYSTEM

PRESENTED BY: GROUP 4



INTRODUCTION

The Loan Management System helps a microfinance company organize and track client loans. It stores important information like client details, loan applications, payments, and balances. Having a computerized system makes work faster, reduces errors, and supports better decision-making. It also improves accuracy, transparency, and overall client satisfaction.



STATEMENT OF THE PROBLEM

The current loan record management system of Microfinance Company is primarily manual, which often leads to errors, data duplication, and delays in processing client information. Manual handling of loan applications, payments, and records makes it difficult for employees to retrieve and update data accurately and efficiently. These inefficiencies may result in poor client service and affect the company's overall performance.



OBJECTIVES

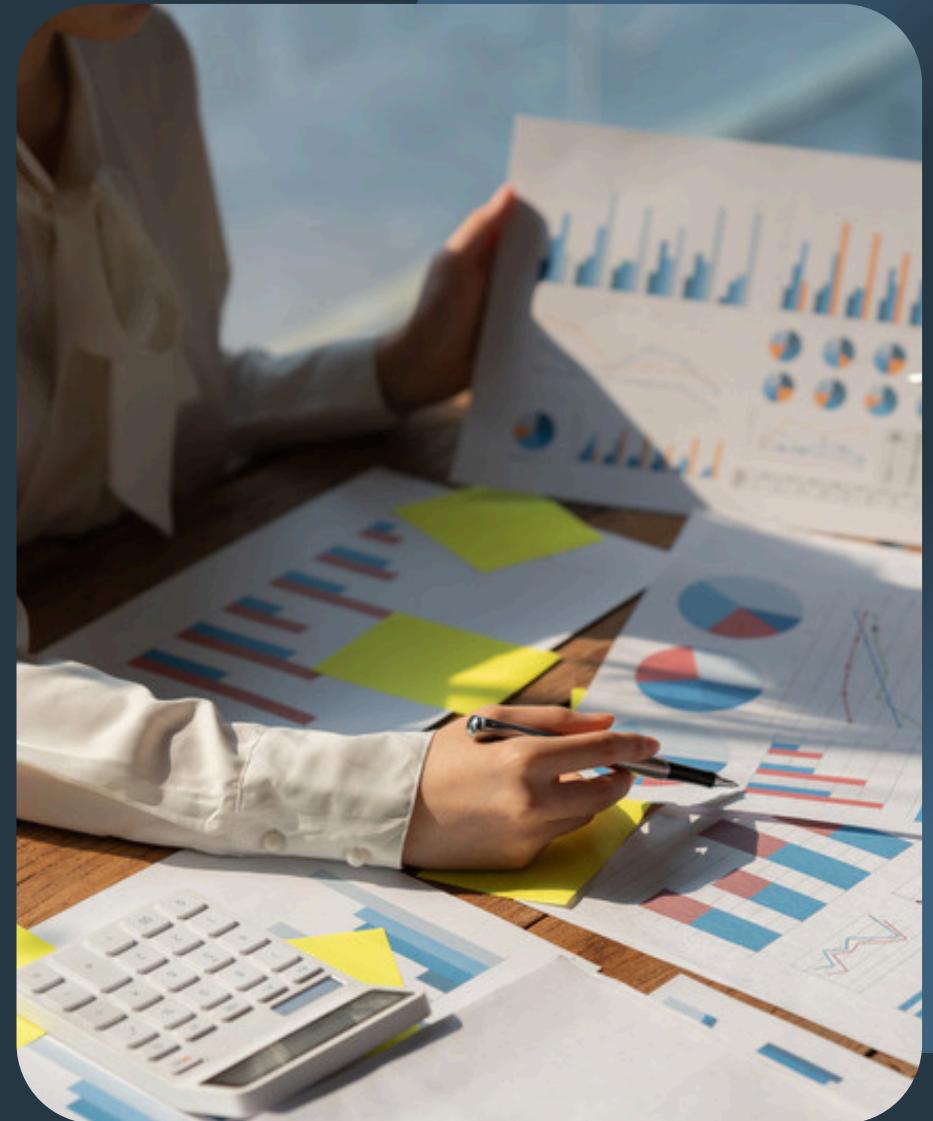
The general objective focuses on the main purpose of the system, which is to design and develop a computerized loan information system for Microfinance Company. This means the project aims to replace the manual process with a digital one that can handle data more efficiently and accurately. The goal is not just to create software, but to improve how the organization manages its daily operations related to client loans.

01. To store and organize loan and client data efficiently

03. To ensure the accuracy, security, and confidentiality of data

02. To allow easy retrieval and updating of client loan information

04. To generate automated reports for monitoring and decision-making





SCOPE AND LIMITATIONS

The ASA Loan Management System automates and improves how Microfinance Company handles client loan records. It includes features like client registration, loan application processing, and financial forecasting. Because it is cloud-based, users can access and manage loan activities anytime and anywhere. This helps the company keep data accurate, secure, and updated while improving communication with clients. Although it may still face issues like internet requirements, system maintenance, and user training, the system overall provides a reliable and modern solution for microfinance operations.

SIGNIFICANCE OF THE STUDY

The ASA Loan Management System helps both users and the organization by automating loan processes. It makes applying for, tracking, and managing loans faster and more accurate, reducing errors and saving time. For the organization, it improves record-keeping, organizes data better, and creates real-time reports for smarter decisions. This study also helps students understand how technology can solve real business problems. Overall, the system promotes efficiency, transparency, and better financial management.





TOOLS & TECHNOLOGIES

The ASA Loan System for storage and retrieval is developed using programming languages such as **Java** and **PHP** to build its backend functions, while **MySQL** serves as the database for storing client and loan records securely. Development is done using **XAMPP**, which provides Apache and MySQL for local testing, and Visual Studio Code as the main code editor. Java and PHP handle loan processing, client records, and transaction tracking, while MySQL ensures fast and reliable data storage and retrieval. Together, these tools create a strong, scalable, and efficient system for microfinance operations.



CONCLUSION

The ASA Loan Management System was developed to make loan processing in microfinance faster, more accurate, and secure. By replacing the manual process with an automated system, it helps the company manage client and loan data more efficiently.



THANK YOU