**Proposal**

**Bank Management System**

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**Contents**

1. [**Overview 3**](#_gjdgxs)
2. [**Project Detail 3**](#_30j0zll)
   1. [**Project Goals 3**](#_1fob9te)
   2. [**Project Scope 3**](#_3znysh7)
   3. [**Project Team 3**](#_2et92p0)
   4. [**Existing Work 4**](#_tyjcwt)

# Overview

This project aims to automate various banking operations, enhancing efficiency, and thus, reducing manual work. It targets bank customers, staff, management, executives, as well as regulators. The project will deliver a comprehensive Bank Management System which would integrate account management, transaction processing, reporting, customer onboarding, and credit management.

# Project Detail

## Project Goals

* + - **Functional Goals:** To automate bank operations, such as customer profile management, transaction processing, reporting, account management.
    - **Technological Goals:** To make a robust system that utilizes technologies for enhanced scalability, security, and performance.
    - **Quality Goals:** To ensure system reliability, accuracy, and its adherence with regulatory standards.
    - **Organizational Goals:** To facilitate competence development among the bank staff through utilizing the system, and through hands-on training.
    - **Other Goals:** To enhance user experience, usability, and ensure that the system is reliable.
    - **Constraints:** The system would be built on Java, and Java Swing would be utilized for developing the User Interface of the system. MySQL would be used for database management.

## Project Scope

The project will deliver a comprehensive Bank Management System which would cover:

* Customer Onboarding And Profile Management
* Account Management
* Credit Management
* Quality Measures, such as performance, reliability, and the usability of the system.

## Project Team

|  |  |  |
| --- | --- | --- |
| **Name** | **Availability** | **Comment** |
| Yousif Ali Shah | Full-Time | Team Leader |
| Huzaifa Kashif | Full-Time |  |
| Muhammad Hamza Hussain | Full-Time |  |

## Existing Work

This project builds upon existing work in the bank management field, incorporating modern approaches like Core Banking Systems. It aims to offer a comprehensive solution which is tailored to the needs of the targeted audience by addressing their requirements, and leveraging technological advancements.