BANK MANAGEMENT SYSTEM

PRESENTED BY :

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BACKGROUND

▶ **Definition:**

  Bank Management System (BMS) is a software solution for streamlining and automating banking processes.

Problems before the management system:

▶ Manual Record keeping

▶ limited automation

▶ Quene-based Customer Service

▶ Limited Accessbility

▶ Security Challenges

▶ Time-Consuming Process

PROBLEM STATEMENT

▶ **Inefficiencies in Manual Processes:**

▶ Time-consuming transactions and data inaccuracies. ▶ **Security Concerns:**

▶ Vulnerability to fraud, errors, and unauthorized access.

▶ **Customer Service Delays:**

▶ Prolonged service times, delayed transactions, and impact on customer satisfaction.

INTRODUCTION

▶ **Purpose of Bank Management System:**

▶ Objectives: Increased efficiency, enhanced security, improved customer service.

- ▶ **Overview of the Solution:**

- ▶ BMS as a comprehensive software solution for centralized banking management.

- ▶ **Key Features:**

- ▶ Account management, transaction processing , transfer of money   from

    one account to another, Deposit and withdrawal of money.

METHODOLOGY

- ▶ **User Interaction and Input Handling:**
- ▶ The system initiates by collecting essential user information:
- ▶ Name and account number are collected for user identification.
- ▶ Presents a user-friendly menu:
- ▶ Allows customers to choose from various banking operations.
- ▶ **Transaction Processing and Logging:**
- ▶ Deposit, withdrawal, and transfer operations:
- ▶ Designed to accurately reflect changes in the user's account balance.

- Transaction logging benefits:
- Provides a transparent record of account activity.
- Facilitates auditing and dispute resolution.
- **File Handling and Persistence:**
- Utilizes file handling:
- Stores and retrieves user account information and transaction logs.

CONCLUSION

- **Benefits of Bank Management System:**
- **Increased efficiency**: Tasks become quicker and more streamlines.
- **Enhanced security**: Better protection for customer data.
- **Future Improvements:**
- **Advanced tech integration**: Bring in new technologies for better performance.

▶ **Expanded functions**: Add more features to adapt to changing needs.