

Bank Management System Project

1 Introduction

A Bank Management System is a software application designed to streamline and automate various aspects of banking operations. It serves as a comprehensive platform for managing financial transactions, customer accounts, and administrative functions within a bank or financial institution.

The primary objective of a Bank Management System is to enhance efficiency, accuracy, and security in all banking processes.

Key features and functionalities of a Bank Management System typically include:

1. **Customer Account Management:** It allows banks to create and manage customer accounts, including savings, checking, and fixed deposit accounts. Customers can also access their account information through online banking.
2. **Transaction Processing:** The system facilitates the processing of various financial transactions, such as deposits, withdrawals, fund transfers, and loan disbursements. It ensures real-time tracking of these transactions.
3. **Loan Management:** Banks can manage and administer loans, including loan application processing, approval, disbursement, and tracking of loan repayments.

4. **Fixed Deposit:** The system provides FD which helps in securing future.

A well-implemented Bank Management System can lead to improved customer satisfaction, operational efficiency, and regulatory compliance. It empowers banks to adapt to changing market conditions and customer expectations in an increasingly digital and competitive financial landscape.

Team Members

1. Pranav Sodani
2. Manas Maheshwari

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Welcome to Bank Management System. We are here to assist you w
ith your financial needs.
Terms and Conditions :

1. Account Opening and Eligibility :
Your age should be greater than 15

2. Interest Rates :
->We will be charging 8% interest rate on Home loan.
->We will be charging 7% interest rate on Vehicle loan.
->We will be charging 6% interest rate on Education loan.
->We will be giving 4% interest rate on Fixed Deposit.

Enter your choice :
1. Add new Account.
2. Show Account Details.
3. Edit Account Details.
4. Transfer Amount to another Account.
5. Finding Account.
6. Deleting Account.
7. Deposit Amount.
8. Withdraw Amount.
9. Apply for Loan.
10. Fixed Deposit.
11. Exit.

```

Figure 1: Welcome!!!

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Enter your choice :
1. Add new Account.
2. Show Account Details.
3. Edit Account Details.
4. Transfer Amount to another Account.
5. Finding Account.
6. Deleting Account.
7. Deposit Amount.
8. Withdraw Amount.
9. Apply for Loan.
10. Fixed Deposit.
11. Exit.
1
Enter your Age : 19
Enter the Account Number : 12345
Enter the first name of Account Holder : Pranav
Enter the balance : 1000
Enter the Phone Number : 1234567890
Enter your Residential Address : indore

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Figure 2: Adding Accounts

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Enter your choice :
1. Add new Account.
2. Show Account Details.
3. Edit Account Details.
4. Transfer Amount to another Account.
5. Finding Account.
6. Deleting Account.
7. Deposit Amount.
8. Withdraw Amount.
9. Apply for Loan.
10. Fixed Deposit.
11. Exit.
4
Enter your Account Number :
12345
Enter reciever's Account Number :
67890
Enter amount to be transfered :
100

Transaction Successful.

```

Figure 3: Transaction

```

Enter your choice :
1. Add new Account.
2. Show Account Details.
3. Edit Account Details.
4. Transfer Amount to another Account.
5. Finding Account.
6. Deleting Account.
7. Deposit Amount.
8. Withdraw Amount.
9. Apply for Loan.
10. Fixed Deposit.
11. Exit.
3
2
Enter your Account Number :
12345
Account Number : 12345
Account Holder Name : Pranav
Account Balance : Rs. 900.0
Phone Number : 1234567890
Address : indore

```

Figure 4: Showing Details