**A**

**MINI PROJECT**

**On**

**BANKING MANAGEMENT SYSTEM**

(Bachelor of Computer Application)

2ND SEM

Submitted by: Submitted to:

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# **Introduction**

The “Banking Management System” is a software application designed to facilitate banking operations for customers and bank staff. The system allows users to perform various account-related tasks, such as creating new account, updating account information, making transactions (deposit and withdrawal), checking account details, view details of all account and removing accounts. The primary goal of this system is to provide a user-friendly interface to manage banking operations efficiently and securely.

The system will be implemented in the C programming language and will cater to the following requirements:

1. **Account Management**:

* Create a new bank account by providing necessary details such as name, date of birth, address, citizenship number, and phone number.
* Allow users to update account information, such as address and phone number.
* Provide options for different types of accounts (e.g., savings, current, fixed deposit) with appropriate interest rates.
* Calculate and display interest on specific account types at the appropriate time intervals.

1. **Transaction Processing:**

* Allow users to deposit money into their accounts.
* Allow users to withdraw money from their accounts, provided the account type is not a fixed account.
* Ensure proper error handling and validation during transactions.

1. **Account Information Retrieval:**

* Allow users to check account details based on account number or customer name.
* Display the account holder's information, account type, account balance, and other relevant details.

1. **Account Removal:**

* Allow users to remove an existing account from the system.

1. **Customer List Viewing:**

* Display a list of all customer accounts stored in the system.

1. **Security:**

* The system shall implement secure login with a password and OTP to prevent unauthorized access.
* Sensitive information such as passwords and account details shall be stored securely.

**Conclusion:**

The Customer Account Banking Management System is designed to efficiently manage banking operations, provide a secure environment for users, and offer a user-friendly interface. By adhering to the specified requirements, this system will enable users to perform various banking tasks effective

*BFK Group*