BANK ACCOUNT MANAGEMENT SYSTEM

(Project Report)

Submitted By: Kashmiara Yadav

Roll No: BC2024086

Course: BCA – 3rd Semester

College: Invertis University

Academic Year: 2025

1. Aim of Project

The aim of this project is to develop a simple Bank Account Management Syste
that allows users to create, deposit, withdraw, and view account details efficien

2. Abstract / Introduction

This project 'Bank Account Management System' is written in C programming l
It helps perform basic banking operations such as creating an account, deposit
money, checking balance, and displaying all accounts. The system stores data
a simple text-based interface.

3. Tools Used

- Programming Language: C
- Compiler: GCC (MinGW)
- Editor: Visual Studio Code
- Operating System: Windows 10

4. Working of Project

The program displays a menu with options (1–6):

1. Create New Account
2. Deposit Money
3. Withdraw Money
4. Check Balance
5. List All Accounts
6. Exit

Based on the user's choice, the program performs the selected operation using

5. Code (Main Parts)

```c
void createAccount() {
struct account acc;
FILE *fp = fopen("bank.txt", "a");
printf("Enter Account Number: ");
scanf("%d", &acc.accNo);
printf("Enter Name: ");
scanf("%s", acc.name);
printf("Enter Initial Deposit: ");
scanf("%f", &acc.balance);
fwrite(&acc, sizeof(acc), 1, fp);
fclose(fp);
printf("Account Created Successfully!\n");
}
```

6. Output (Program Screens in Text Format)

==== BANK ACCOUNT MANAGEMENT SYSTEM ====

1. Create New Account

2. Deposit Money

3. Withdraw Money

4. Check Balance

5. List All Accounts

6. Exit

Enter your choice: 1

Enter Account Number: 1001

Enter Name: Kashmiara

Enter Initial Deposit: 5000

Account Created Successfully!

Enter your choice: 2

Enter Account Number: 1001

Enter Amount to Deposit: 1500

Money Deposited Successfully!

Enter your choice: 4

Enter Account Number: 1001

Account Balance: ■6500

Enter your choice: 6

Thank you for using Bank Account Management System!

7. Result

The project successfully performs basic banking functions such as creating accounts, depositing, w

8. Conclusion

The Bank Account Management System demonstrates file handling, structures, and menu-driven lo

9. Future Scope

- Add user login and password protection
- Use database (MySQL) instead of file system
- Add GUI for better user experience