SUBMISSION REPORT

Motivation:

DBMS is an important aspect in any company and it helps the company maintain a good relation with the consumer. We chose bank management as it has many functions in it and the work can be distributed evenly among the group.

Highlights:

The project has many functions like:

1. Account creation
2. Savings deposit/withdraw
3. Fixed deposit opening/withdrawal
4. Loan application/ repayment

What we learnt from this:

1. Using headers like conio.h(for getchar and getch functions) and stdlib.h
2. Using time.h to determine time period in which you can pay loan or withdrawal fixed deposit
3. Making a cursor based menu without using any external libraries
4. Combining the concepts of structs and arrays and creating an array of structs

Areas of improvement:

1. Loan application: We could've used the complex loan interest calculation used in banks instead of simple model
2. Adding different types of loans to different groups of people(student loans, home loans, personal loans, etc)
3. Better UI: We could've used GUI to make it more user friendly and easier to use

Future scope:

We believe that our DBMS project has significant potential in various applications. As the foundation of many software systems, DBMS plays a crucial role in data management. This project can serve as a starting point for building more sophisticated and specialized database systems, potentially finding utility in industries such as healthcare, finance, e-commerce, and logistics.

Contributions:

1. Srisadan Desha: User interface and code assembly
2. Chakradhar Allu: Structures, savings deposits and withdrawal
3. Meghana Jaladi: Loan application and repayment
4. Nishanth Gugulothu: Account creation and Inquiry
5. Keta Sri Vijaya Bharathi: Fixed deposit opening and withdrawal