BANK MANAGEMENT SYSTEM

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Detailed requirements description of the project:-

We are building a database management system for a bank which handles requests like storing all date related to branches, employees, customer accounts, loans, and financial transactions to make operations more efficient and streamline
Some of the key features are explained below

It stores the details of bank which includes information about each bank, including a unique BankID, bank name, number of branches and each bank have branches which it operates and each branch have attributes like BranchID and branch address and branch is a weak entity set
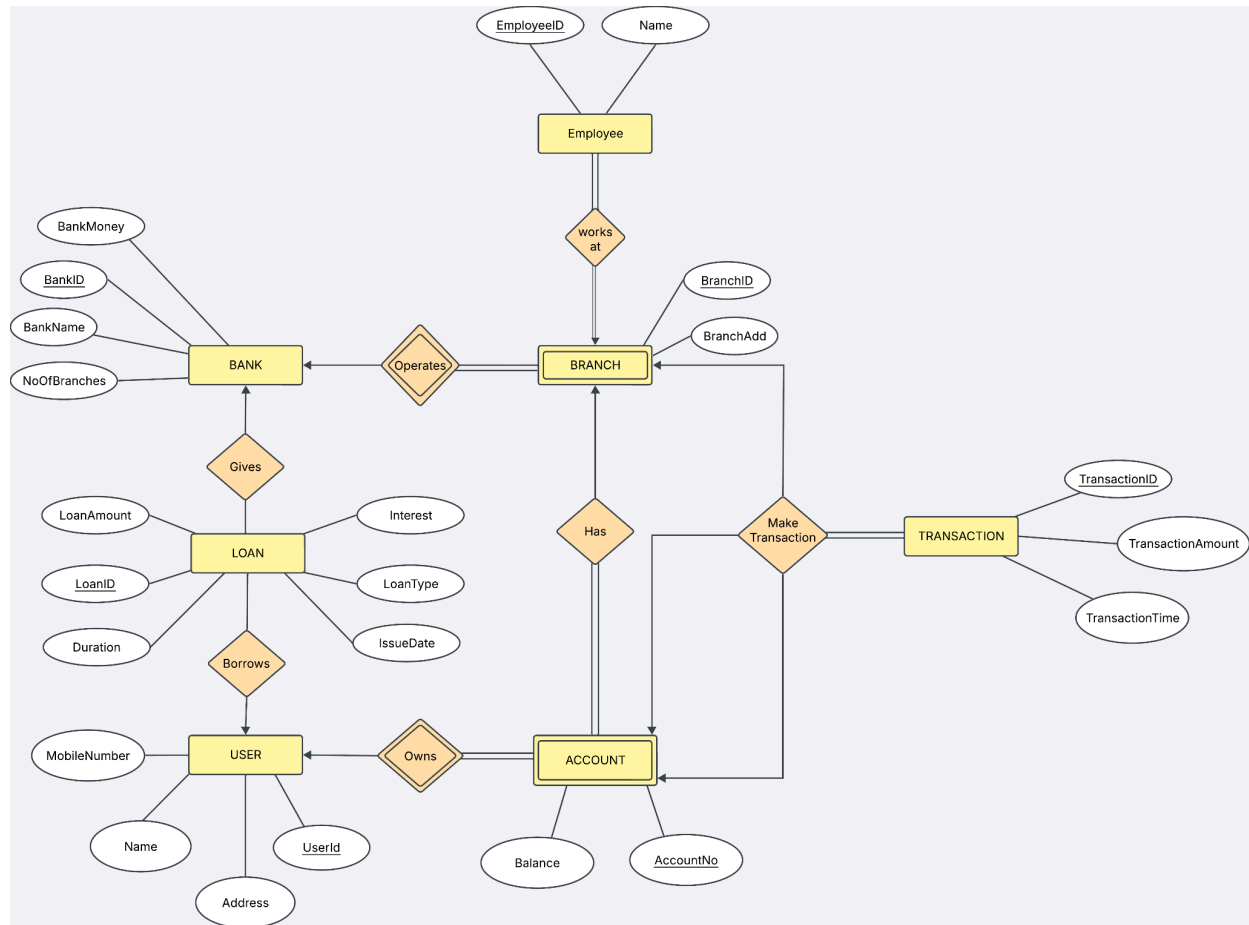
It also stores Customer information in the database which includes UserID, name, address and phone number and customer is linked to its bank account and can open multiple accounts and account is identified by AccountNo

This also takes care of loan it has primary key as LoanID and includes amount, interest rate, date of issue, and duration and is liked to both bank and user

The database also handles financial transactions with each transaction having transaction id senders and receivers account address and the amount transferred which is linked with trenary relationship

We also have employee that has attributes like eid name and the branch he works in and the bank of which he employee

Overall this provides a seamless and efficient data base management software for bank to use and provide the best services to its customers

Sources Used:-
- ChatGpt - took help in writing the business requirements description for the project
- Lucid.app - For making the ER model.