BANKING SYSTEM REPORT

My Team

FCAI

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OUR SYSTEM:

The purpose of this report is to provide an overview of a banking system that consists of multiple banks, branches, customers, loans, and accounts. The system aims to offer various functionalities related to user management, loan processing, and account operations.

SYSTEM COMPONENTS:

BANKS:

Each bank in the system has a unique name, code, and address.

Banks act as the main entities responsible for managing multiple branches and customers.

BRANCHES:

Each bank consists of several branches.

Branches are identified by their unique branch number and have their respective

addresses.

CUSTOMERS:

Customers are associated with specific branches.

Each customer is identified by their Social Security Number (SSN) and possesses personal details such as name, phone number, and address.

Customers can have multiple accounts and avail various types of loans.

LOANS:

Each branch offers multiple types of loans.

Loans are distinguished by their loan number, loan type, and loan amount.

Customers can request and initiate loan operations.

Loan types may include industry loans, commercial loans, and personal loans.

ACCOUNTS:

Customers can have multiple accounts within the system.

Each account is assigned a unique account number and maintains information about the account balance and account type.

USER MANAGEMENT:

Signing up new users, such as customers and employees, is supported.

Existing user details can be updated.

BANK AND BRANCH MANAGEMENT:

Administrators have the capability to add new banks and their corresponding branches to the system.

CUSTOMER MANAGEMENT:

Employees are responsible for adding new customers to the system.

A list of customers can be displayed, providing an overview of all registered customers.

LOAN OPERATIONS:

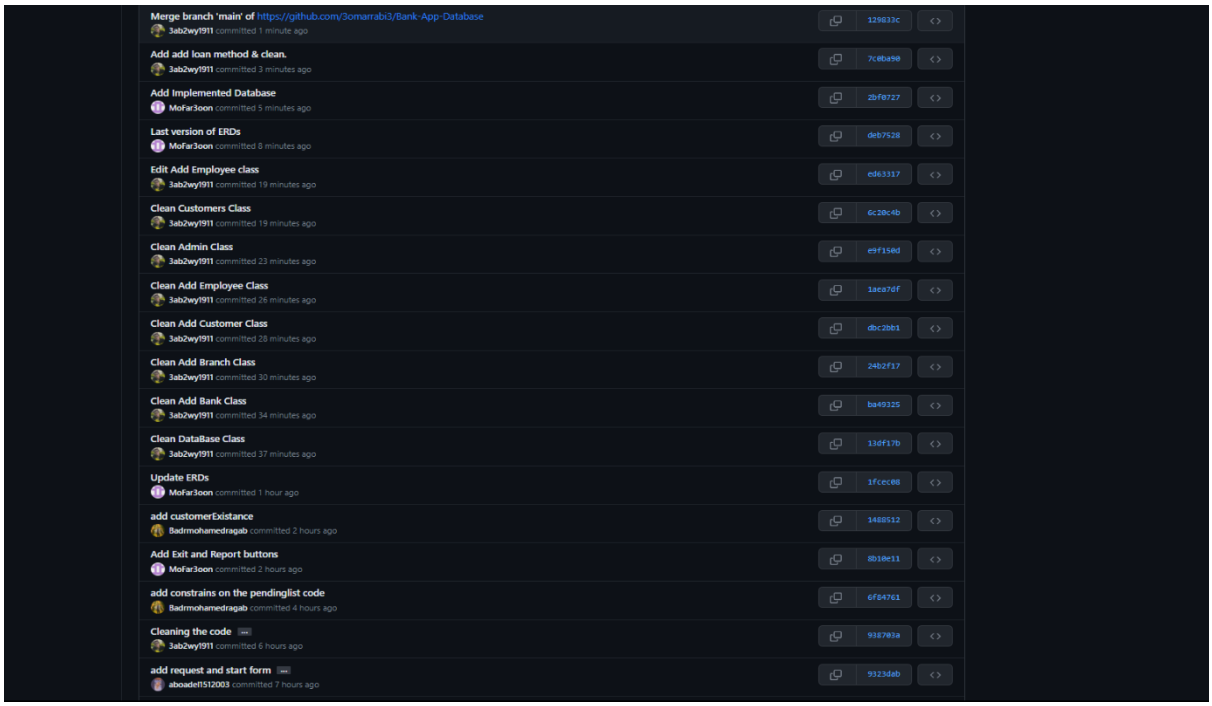
The system allows customers to request loan operations, such as loan initiation. Employees can accept or reject loan requests and manage loan payment operations.

CONCLUSION:

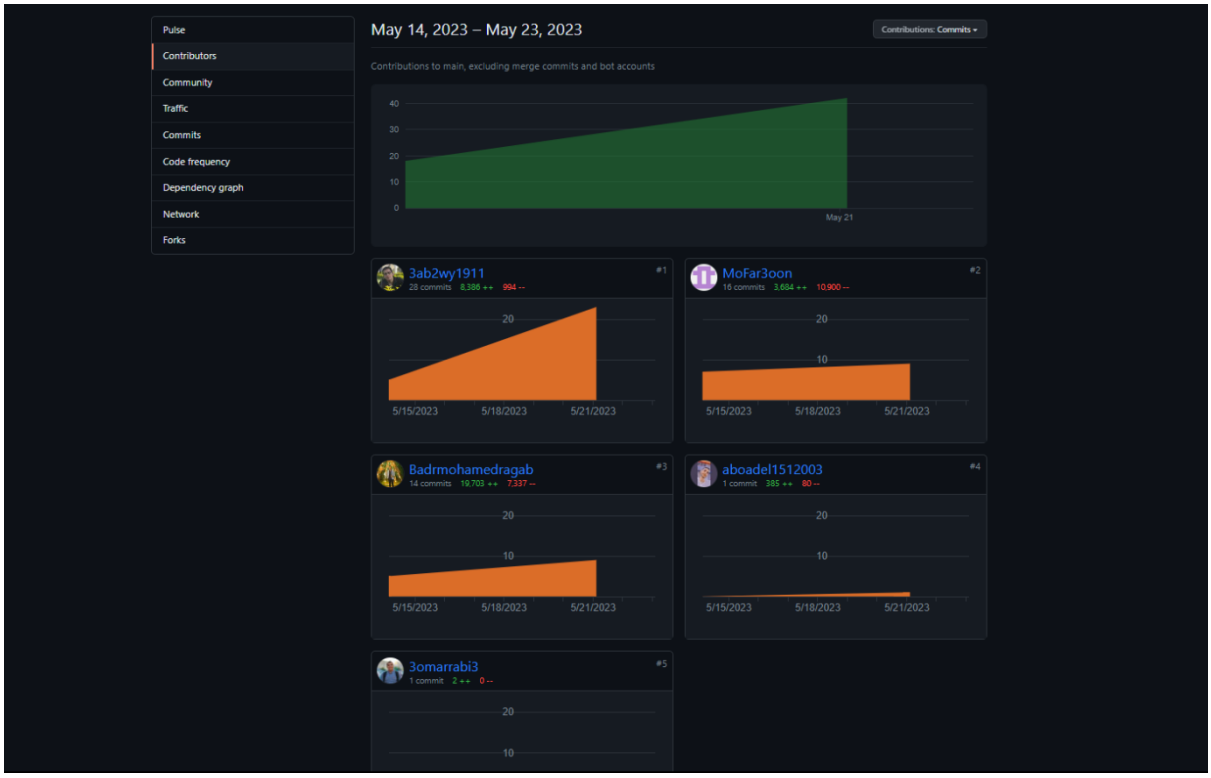
The banking system facilitates efficient management of multiple banks, branches, customers, loans, and accounts. By providing comprehensive functionalities for user management, loan processing, and account operations, the system aims to streamline banking operations and enhance customer satisfaction.

GITHUB IMAGES

COMMITS

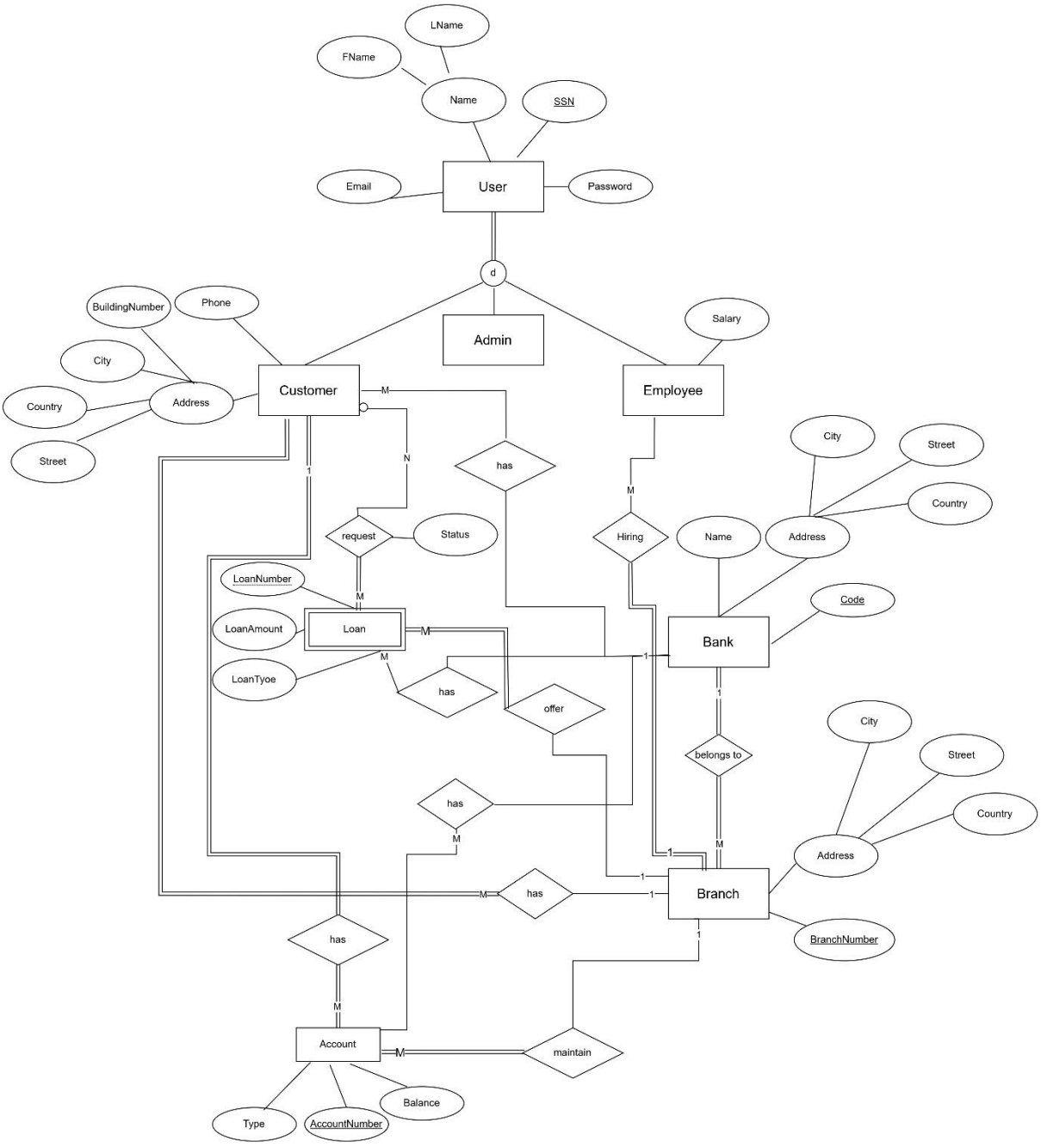


CONTRIBUTORS



ERDS

CONCEPTUAL ERD



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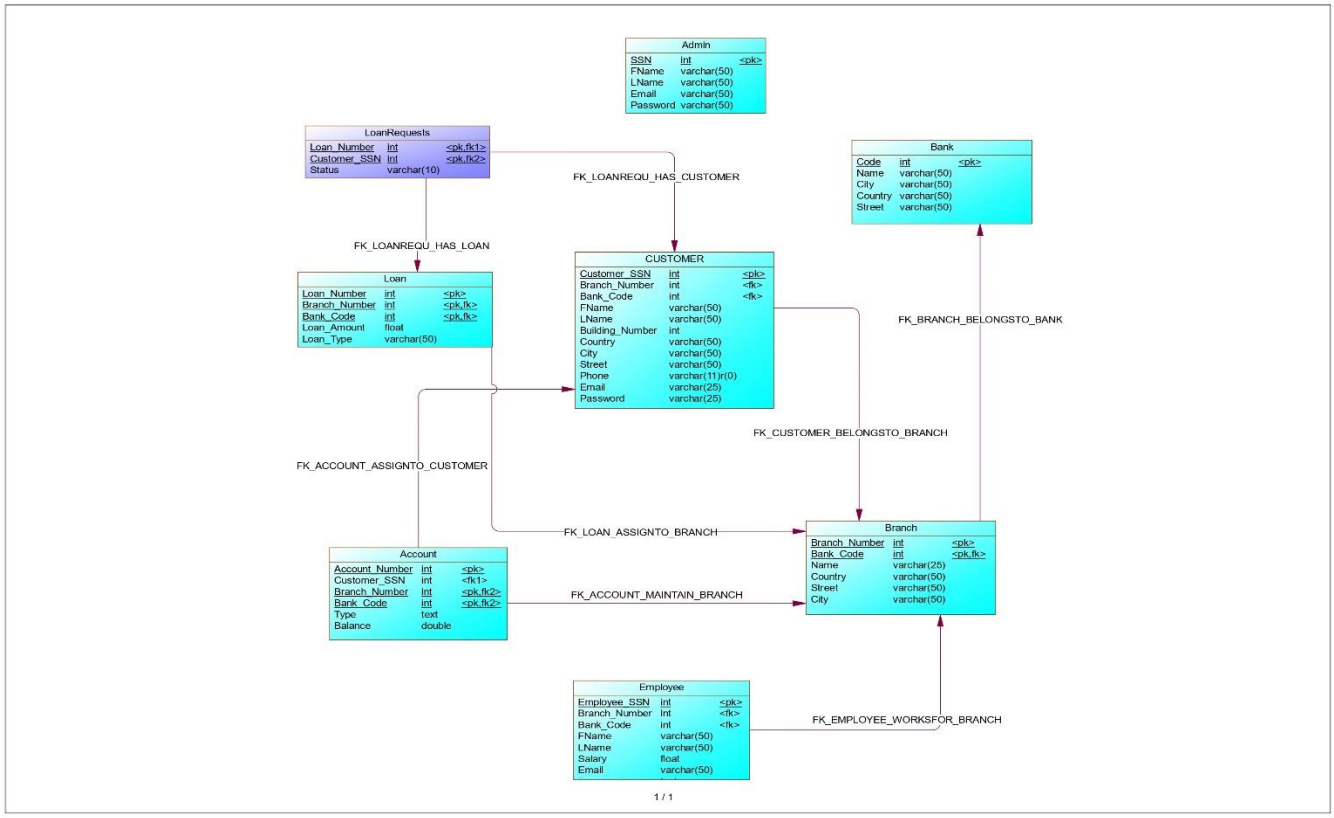
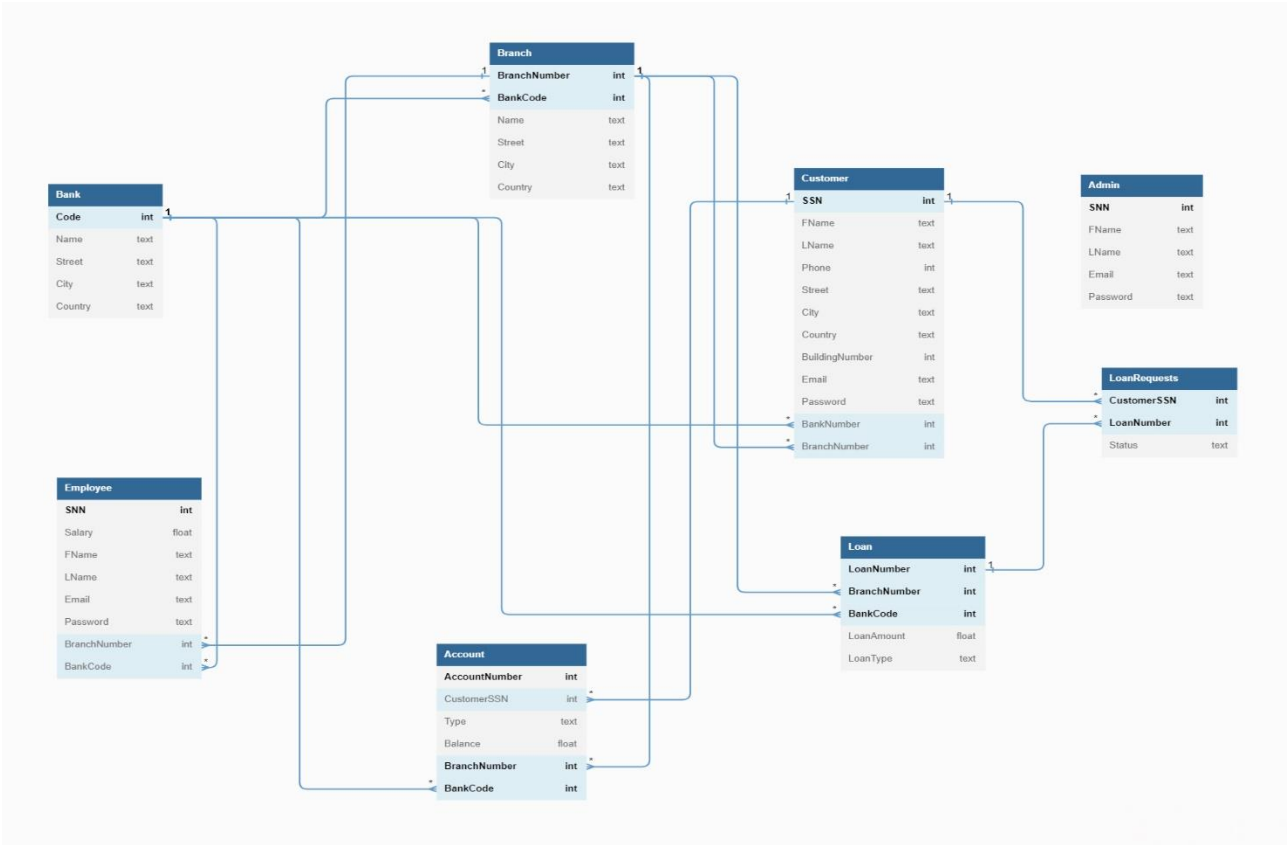
SCHEMA