

BANKING SYSTEM REPORT

My Team
FCAI



TABLE OF CONTENTS

CONTENTS

table of contents.....	1
team members.....	2
Our system:	3
System Components:	3
Banks:	3
Branches:	3
Customers:	3
Loans:	3
Accounts:	3
User Management:	4
Bank and Branch Management:	4
Customer Management:	4
Loan Operations:	4
Conclusion:	4
github images.....	5
commits	5
contributOrs.....	5
erdS	6
conceptual erd	6
PHYSICAL ERD.....	7
SCHEMA	7

TEAM MEMBERS

#	NAME	ID	EMAIL
1	Omar Rabea Shaban	20210593	Omar.rabea.shaban2002@gmail.com
2	Abd El-Rahman Adel	20211075	Abdoadel1512003@gmail.com
3	Badr Mohamed Ragab	20210605	Badrmohamedragab2003@gamil.com
4	Mohamed Amir Mohamed	20211079	Mohamedamir5050@gmail.com
5	Mohamed Abd El-Kawy	20211075	3ab2wy1911@gmail.com

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:

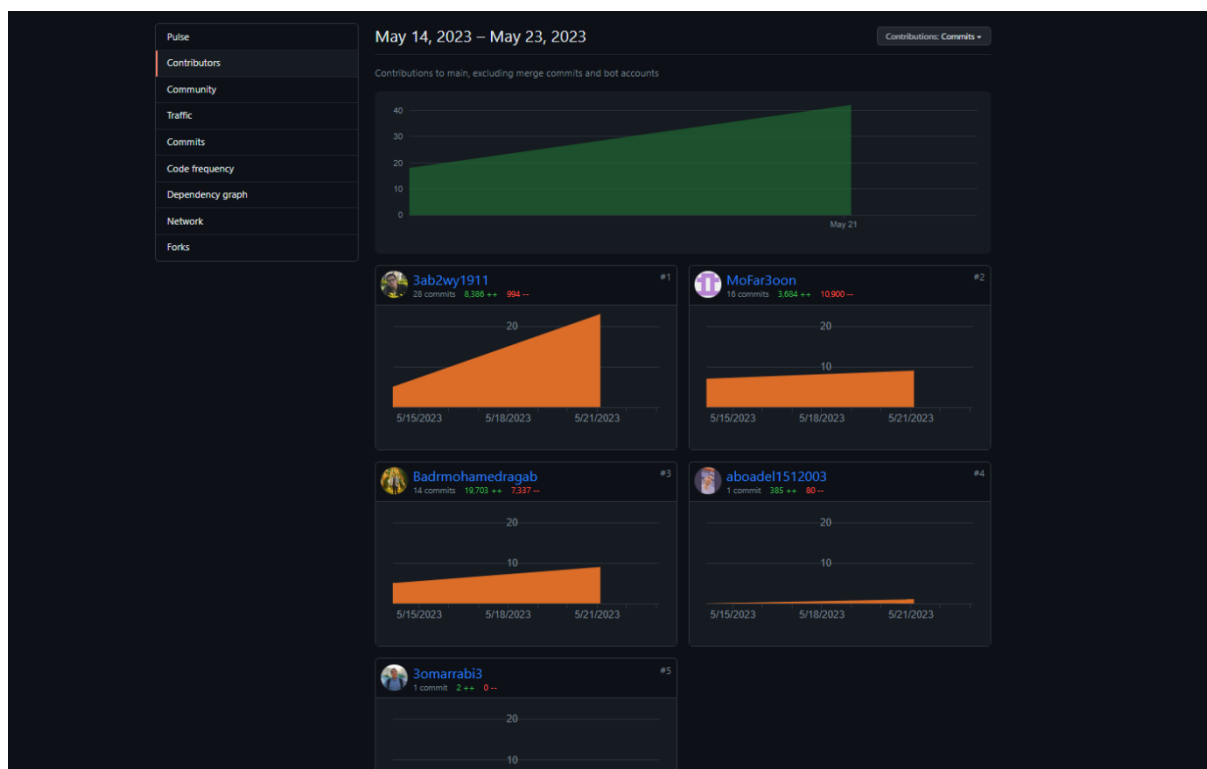
The banking system facilitates efficient management of multiple banks, branches, customers, loans, and accounts. By providing comprehensive functionalities for user management, loan processing, and account operations, the system aims to streamline banking operations and enhance customer satisfaction.

GITHUB IMAGES

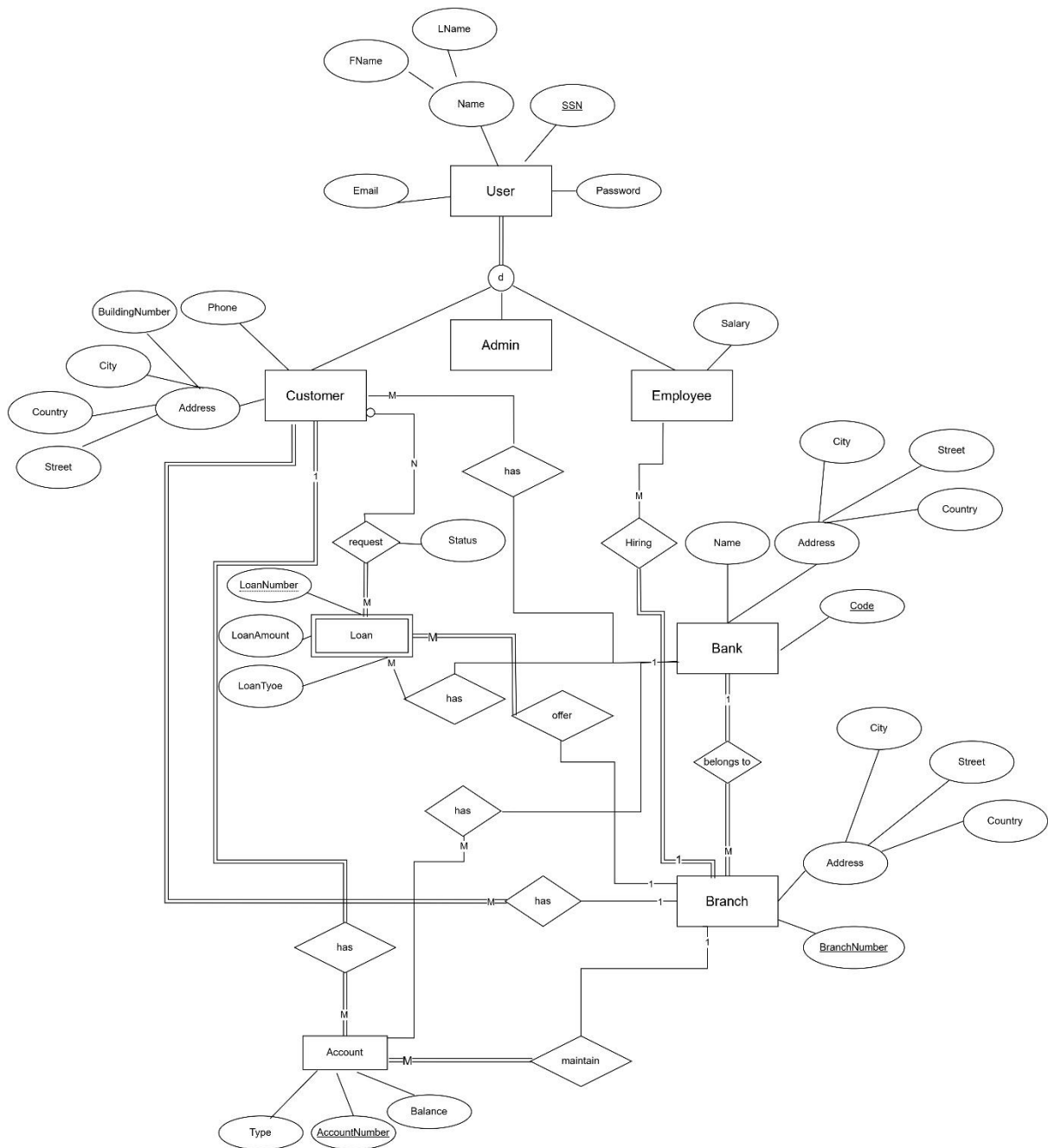
COMMITTS

Merge branch 'main' of https://github.com/3omarrabi3/Bank-App-Database	129833c	<>
3ab2wy1911 committed 1 minute ago		
Add add loan method & clean.	7c8b49e	<>
3ab2wy1911 committed 3 minutes ago		
Add Implemented Database	2bfe727	<>
Mofar3oon committed 5 minutes ago		
Last version of ERDs	deb7528	<>
Mofar3oon committed 6 minutes ago		
Edit Add Employee class	ed83317	<>
3ab2wy1911 committed 19 minutes ago		
Clean Customers Class	6c28c4b	<>
3ab2wy1911 committed 19 minutes ago		
Clean Admin Class	e9f15ed	<>
3ab2wy1911 committed 23 minutes ago		
Clean Add Employee Class	1aca70f	<>
3ab2wy1911 committed 26 minutes ago		
Clean Add Customer Class	dbc20b1	<>
3ab2wy1911 committed 28 minutes ago		
Clean Add Branch Class	24b2f37	<>
3ab2wy1911 committed 30 minutes ago		
Clean Add Bank Class	ba49225	<>
3ab2wy1911 committed 34 minutes ago		
Clean DataBase Class	13df17b	<>
3ab2wy1911 committed 37 minutes ago		
Update ERDs	1fcec08	<>
Mofar3oon committed 1 hour ago		
add customerExistance	1488512	<>
Badrmohamedragab committed 2 hours ago		
Add Exit and Report buttons	8018e11	<>
Mofar3oon committed 2 hours ago		
add constrains on the pendinglist code	6f647e1	<>
Badrmohamedragab committed 4 hours ago		
Cleaning the code	938795a	<>
3ab2wy1911 committed 6 hours ago		
add request and start form	9323dab	<>
aboade11512003 committed 7 hours ago		

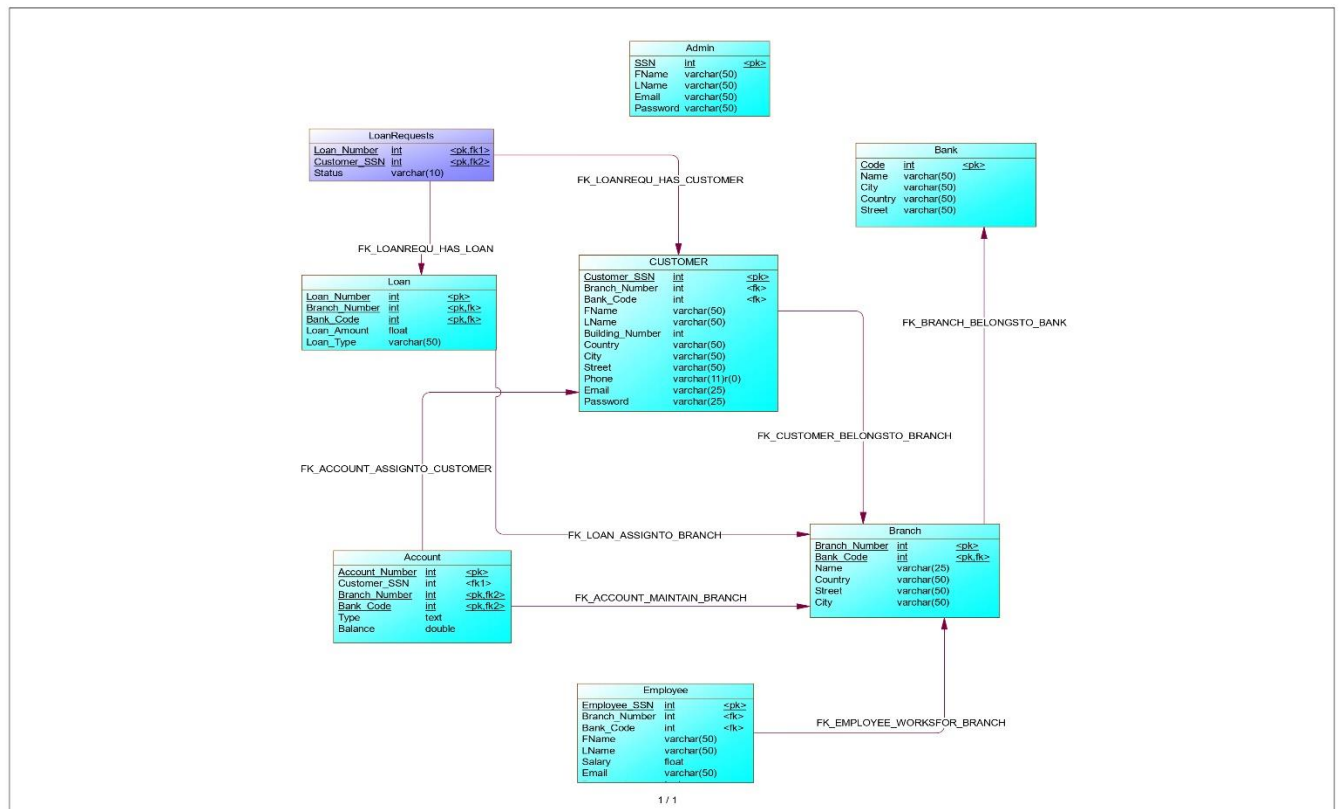
CONTRIBUTORS



CONCEPTUAL ERD



PHYSICAL ERD



SCHEMA

