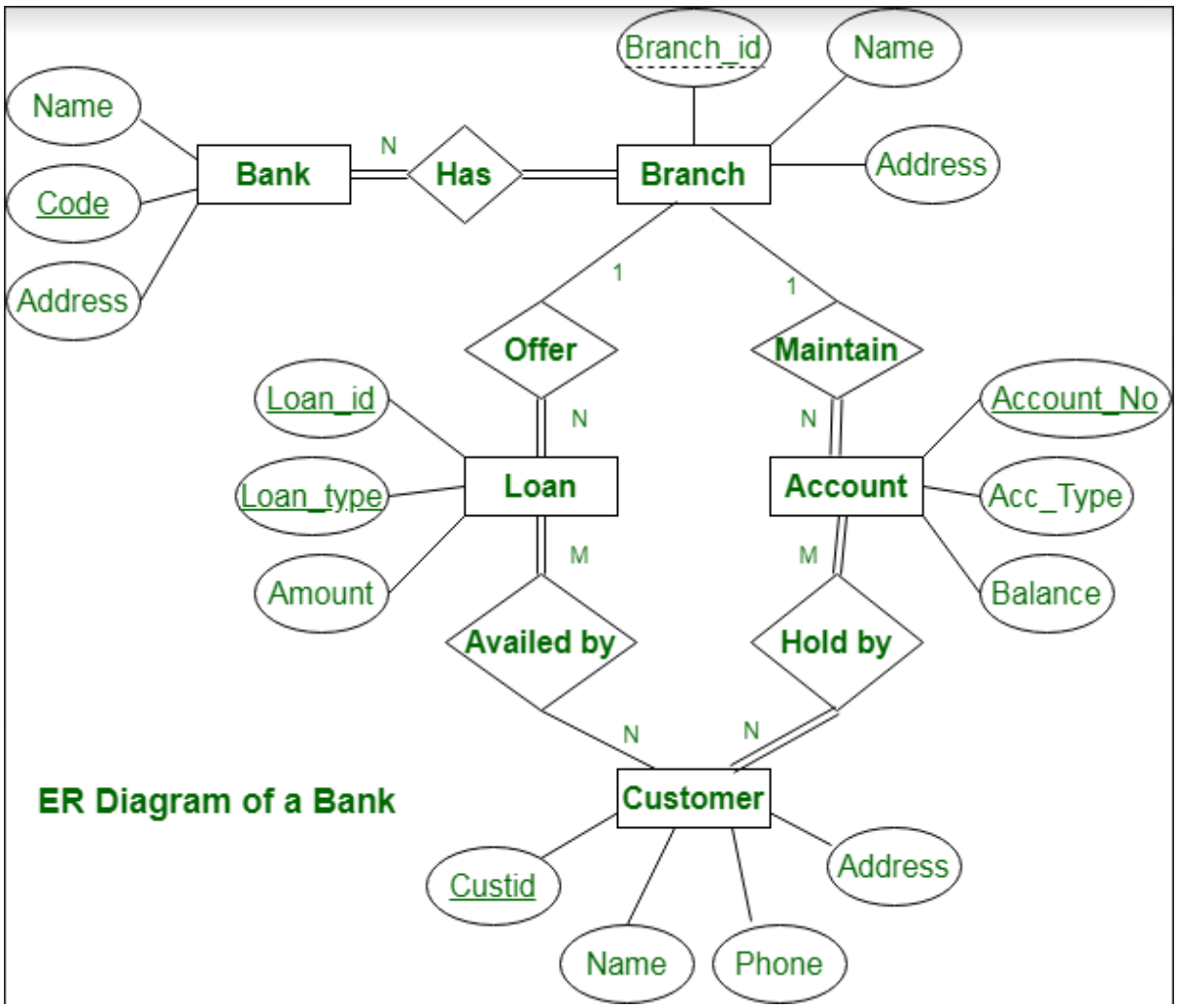
BANK MANAGEMENT SYSTEM



1. **Customer:**

- Customer_ID (Primary Key)
- Name
- Address
- Phone
- Email

2. **Account:**

- Account_Number (Primary Key)
- Customer_ID (Foreign Key)

- Account_Type
- Balance
- Open_Date

3. Transaction:

- Transaction_ID (Primary Key)
- Account_Number (Foreign Key)
- Transaction_Type
- Amount
- Transaction_Date

4. Employee:

- Employee_ID (Primary Key)
- Name
- Position
- Department

Relationships:

- A Customer can have multiple Accounts. (One-to-Many)
- An Account belongs to one Customer. (Many-to-One)
- An Account can have multiple Transactions. (One-to-Many)
- A Transaction is associated with one Account. (Many-to-One)
- An Employee can perform multiple Transactions. (One-to-Many)
- A Transaction is performed by one Employee. (Many-to-One)

Cardinality:

- Customer to Account: One-to-Many
- Account to Transaction: One-to-Many
- Employee to Transaction: One-to-Many