

Table Name = BANK

Name of column	Data Type	Constraints
Bank_id	Number	PK, Surrogate
bank_name	String	NOT NULL

Table Name = BRANCH

Name of column	Data Type	Constraints
Branch_id	Number	PK, Surrogate
branch_code	String	Unique
branch_address	String	
branch_city	String	NOT NULL
bank_id	Number	FK references BANK.bank_id, NOT NULL, ON DELETE CASCADE

Table Name = ACCOUNT

Name of column	Data Type	Constraints
Account_id	Number	PK, Surrogate
account_number	String	Unique, NOT NULL
account_balance	Number	NOT NULL
account_type	String	
branch_id	Number	FK references BRANCH.branch_id, NOT NULL

Table Name = CUSTOMER

Name of column	Data Type	Constraints
Customer_id	Number	PK, Surrogate
cust_number	Number	Unique, NOT NULL
cust_name	String	NOT NULL
cust_address	String	
cust_city	String	NOT NULL

Table Name = ACCOUNT-CUSTOMER

Name of column	Data Type	Constraints
Account-Customer_id	Number	PK, Surrogate
Account_id	Number	FK references ACCOUNT.Account_id, NOT NULL
Customer_id	Number	FK references CUSTOMER.Customer_id, NOT NULL

Table Name = SAVINGS_ACCOUNT

Name of column	Data Type	Constraints
Savings_Account_id	Number	PK, FK references ACCOUNT.account_id
minimum_balance	Number	NOT NULL

Table Name = CURRENT_ACCOUNT

Name of column	Data Type	Constraints
Current_Account_id	Number	PK, FK references ACCOUNT.account_id
overdraft_limit	Number	NOT NULL

Table Name = DEPOSIT_ACCOUNT

Name of column	Data Type	Constraints
Deposit_Account_id	Number	PK, FK references ACCOUNT.account_id
investment_amount	Number	NOT NULL
maturity_amount	Number	NOT NULL
interest_rate	Number	NOT NULL
maturity_rate	Number	NOT NULL

Table Name = TRANSACTION

Name of column	Data Type	Constraints
Transaction_id	Number	PK, Surrogate
txn_amount	Number	NOT NULL
txn_type	String	NOT NULL
txn_date	Date	NOT NULL
Savings_Account_id	Number	FK references SAVING_ACCOUNT.Saving_Account_id