

## Banking Application Mini Project - Database Model

Bank	Type	Description
bank_id (PK)	TEXT	bank id
name	TEXT	bank name
public	TEXT	public/private ind
exchange	TEXT	Listing Exchange
ceo	TEXT	Name of CEO
coo	TEXT	Name of COO
cfo	TEXT	Name of CFO
address	TEXT	HQ Address

User	Type	Description
user_id (PK)	TEXT	user id
password	TEXT	password
first_name	TEXT	first name
last_name	TEXT	last name
birth_date	TEXT	birth date
address	TEXT	address
user_type	TEXT	employee, customer
user_status	TEXT	active, inactive
bank_id (FK)	TEXT	bank id

Account	Type	Description
ac_num (PK)	TEXT	a/c number
ac_type	TEXT	checking, savings
open_date	TEXT	a/c open date
close_date	TEXT	a/c closed date
balance	REAL	current balance
status	TEXT	open, closed
customer_id (FK)	TEXT	customer id

Branch	Type	Description
branch_id (PK)	TEXT	branch id
location	TEXT	branch location
phone	TEXT	branch phone
br_address	TEXT	branch address
bank_id (FK)	TEXT	bank id

Employee	Type	Description
emp_id (PK)	TEXT	employee id
dept	TEXT	department
title	TEXT	title
start_date	TEXT	start date
salary	REAL	salary
user_id (FK)	TEXT	user id
branch_id (FK)	TEXT	branch id

Transactions	Type	Description
tran_id (PK)	TEXT	tran id
tran_date	TEXT	transaction date
post_date	TEXT	posting date
amount	REAL	transaction amount
merchant_cat	TEXT	merchant category
tran_type	TEXT	credit, debit
description	TEXT	transaction description
ac_num (FK)	TEXT	a/c number

Customer	Type	Description
customer_id (PK)	TEXT	customer id
ssn	TEXT	SSN
govt_id	TEXT	driver license
user_id (FK)	TEXT	user id

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