**Banking System**

CREATE DATABASE IF NOT EXISTS HMBank;

USE HMBank;

CREATE TABLE Customers (

customer\_id INT PRIMARY KEY,

first\_name VARCHAR(50),

last\_name VARCHAR(50),

DOB DATE,

email VARCHAR(100),

phone\_number VARCHAR(15)

);

CREATE TABLE Accounts (

account\_id INT PRIMARY KEY,

customer\_id INT,

account\_type VARCHAR(20),

balance DECIMAL(18, 2),

FOREIGN KEY (customer\_id) REFERENCES Customers(customer\_id)

);

CREATE TABLE Transactions (

transaction\_id INT PRIMARY KEY,

account\_id INT,

transaction\_type VARCHAR(20),

amount DECIMAL(18, 2),

transaction\_date DATETIME,

FOREIGN KEY (account\_id) REFERENCES Accounts(account\_id)

);

ERD DIAGRAM;

