

Bank Management System

account_types	
id	int pk
type_name	varchar(50)

employee_roles	
id	int pk
role_name	varchar(50)
employee_id	int fk

employees	
id	int pk
branch_id	int fk
first_name	varchar(50)
last_name	varchar(50)
email	varchar(100)
phone	varchar(50)
hire_date	date

branches	
id	int pk
name	varchar(100)
address	varchar(255)
city	varchar(100)
state	varchar(100)
zip_code	varchar(10)

transaction	
id	int pk
account_id	int fk
transaction_type	varchar(50)
amount	decimal(10,2)
transaction_date	date

accounts	
id	int pk
account_number	varchar(20)
account_type	varchar(50)
balance	decimal(10,2)
Created at	date
customer id	int fk
customer id	int fk

loan_payments	
id	int pk
loan_id	int fk
payment_date	date
amount	decimal(10,2)

Loans	
id	int pk
Customer_id	int fk
Loan_type	varchar(50)
amount	decimal(10,2)
Interest_rate	decimal(5,2)
Start_date	date
End_date	date

customers	
id	int pk
first_name	varchar(50)
last_name	varchar(50)
email	varchar(100)
phone	varchar(15)
address	varchar(255)
city	varchar(100)
state	varchar(100)
zip_code	varchar(10)

customer_contacts	
id	int pk
customer_id	int fk
contact_type	varchar(50)
contact_value	varchar(100)