Banking Application Class Diagram

Bank

- bank_id: string
- name: string
- public: string
- exchange: string
- ceo: string
- coo: string
- cfo: string
- address: string

+add_bank_record()

User

- user_id : string
- password: string
- first_name: string
- last_name: string
- birth_date: string
- address: string
- user_type: string
- user_status: string

+add_user_record(bank)

Account

- ac_num: string
- ac_type: string
- open_date: string
- close_date: string
- balance: float
- status: string

+add_account_record(customer_id)
+deposit(amount)
+withdraw(amount)

Branch

- branch_id: string
- location: string
- phone: string
- br_address: string

+add_branch_record()

Employee

- emp_id: string
- dept: string
- title: string
- start_date: string
- salary: float
- user_id: string

+add_employee_record(branch_id)

Customer

- customer_id: string
- ssn: string
- govt_id: string

+add_customer_record()

Transaction

- tran_id: string
- tran_date: string
- post_date: string
- amount: string
- merchant_cat: string
- tran_type: string
- description: string

+add_transaction_record(ac_num)

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