Database conceptual model mapping

user = {user_id#, username, password}
Pk = user_id
---
bankAccount = {account_id#, account_number#, balance, creation_date, account_type, user_id*}
Pk = account_id + account_number
Fk = user_id ref user
---
investments = {investment_id#, investment_name, investment_amount, annual_return_rate}
Pk = investment_id
---
applies ←→ **userInvestment** = {investment_id#*, user_id#*, end_date, start_date}
Pk = investment_id + user_id
Fk = investment_id ref investments
Fk = user_id ref user
---
comprises ←→ **investmentsBankAccount** = {investment_id#*, account_id#*}
Pk = investment_id + account_id
Fk = investment_id ref investments
Fk = account_id ref bankAccount
---
loan = {loan_id#*, loan_amount, annual_interest_rate, loan_term_months, request_date,loan_date, loan_status, account_id*, user_id*, }
Pk = loan_id
Fk = account_id ref BankAccounnt
Fk = user_id ref user
---
transactions = {transaction_id#, amount, transaction_type, user_id*}
Pk = transaction_id
Fk = user_id ref user
---
covers ←→ **transactionsBankAccount** = {transaction_id#*, account_id#*, transfer_date}
Pk = transaction_id + account_id
Fk = transaction_id ref transactions
Fk = account_id ref BankAccount
