

# Relational Schema

client(id,firstname,lastname,email,username,password)

client(id,phone number)

view(id,credit card id)

redeem(id,credit card id)

apply(id,credit card id)

has(id,credit card id)

apply(id,loan id)

pay(id,bill id,app id)

approve request(id,credit card id,banker id)

approve loan(banker id,loan id)

set(id,reminder id,bill id)

receive(id,reminder id,bill id)

receive(id,reminder id,instalment id)

receive(id,reminder id,bill id)

Pay fully(id,bill id)

Pay partially(id,bill id)

Report technical issue(id,banker id)

Apply for replacement(id,banker id)

Report theft/damage/loss(id,banker id)

open(id,Account id)

close(id,Account id)

has(id,Account id)

login(id,Account id)

register(id,Account id)

view(id,transaction id)

Banker(banker id)

Bills(bill id,type,Amount,date,status)

Credit Card bills(bill id)

Utilities bills(bill id)

Reminder(reminder id,type,due date,description,status)

3rd Party App(app id,name)

Loan(loan id,type,term length,amount,interest rate,status,start date,  
end date)

Personal(loan id)

Car(loan id)

Instalments(instalment id,loan id)

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has(loan id,instalment id)

Credit Card(credit card id,card status, type,limit,available credit,  
due date,interest rate,reward points)

Credit Card Points(credit card id)

earns(credit card id)

has(credit card id,transaction id)

Transaction(transaction id,type,amount,date,description)

has(transaction id,Account id)

Account(Account id,balance,open date,close date,status,Account  
type)

Transfer money nationally(Account id,receiving Account id)

Transfer money internationally(Account id,receiving Account id)

Transfer money domestically(Account id,receiving Account id)