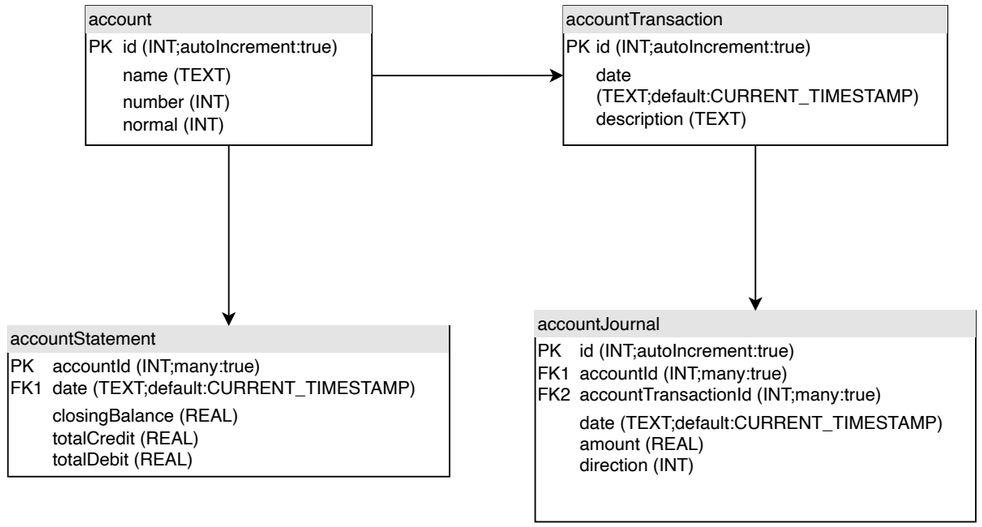
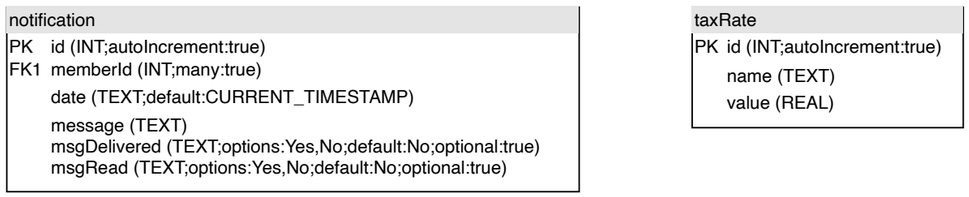
triggers

user

finance



others



member

memberIdsCache

PK	id (INT;autoIncrement:true)
FK1	memberId (INT;optional:true)
	idNumber (TEXT)
	claimed (INT;default:0)

memberOccupation

PK	id (INT;autoIncrement:true)
FK1	memberLoanId (INT)
	employerName (TEXT)
	employerAddress (TEXT)
	employerPhone (TEXT)
	jobTitle (TEXT)
	periodEmployedInMonths (INT)
	grossPay (REAL)
	netPay (REAL)
	highestQualification (TEXT;options:Tertiary,Secondary,Primary,None)

memberOccupationVerification

PK	id (INT;autoIncrement:true)
FK1	memberOccupationId (INT)
	jobVerified (TEXT;options:Yes,No;default:No)
	grossVerified (TEXT)
	netVerified (TEXT)

member

PK	id (INT;autoIncrement:true)
FK1	memberIdNumber (TEXT;hidden:true;optional:true)
	firstName (TEXT)
	lastName (TEXT)
	otherName (TEXT;optional:true)
	gender (TEXT;options:Female,Male)
	phoneNumber (TEXT)
	title (TEXT;options:Mr,Mrs,Miss,Dr,Prof,Rev,Other)
	maritalStatus (TEXT;options:Married,Single,Widowed,Divorced)
	dateOfBirth (TEXT;validationRule:\^d{4}-\d{2}-\d{2}$)
	nationalIdentifier (TEXT)
	utilityBillType (TEXT;options:ESCOM,Water Board)
	utilityBillNumber (TEXT)
	dateJoined (TEXT;default:CURRENT_TIMESTAMP;hidden:true)

memberDependant:4

PK	id (INT;autoIncrement:true)
FK1	memberId (INT;many:true)
	name (TEXT)
	phoneNumber (TEXT)
	address (TEXT;optional:true)
	percentage (REAL)
	isNominee (TEXT;options:Yes,No;default:No)
	relationship (TEXT;options:Spouse,Child,Sibling,Other)

memberBusiness

PK	id (INT;autoIncrement:true)
FK1	memberLoanId (INT)
	yearsInBusiness (INT)
	businessNature (TEXT)
	businessName (TEXT)
	tradingArea (TEXT)

memberBusinessVerification

PK	id (INT;autoIncrement:true)
FK1	memberBusinessId (INT)
	businessVerified (TEXT;options:Yes,No;default:No)
	grossIncomeVerified (TEXT;options:Yes,No;default:No)
	netIncomeVerified (TEXT)

memberContact

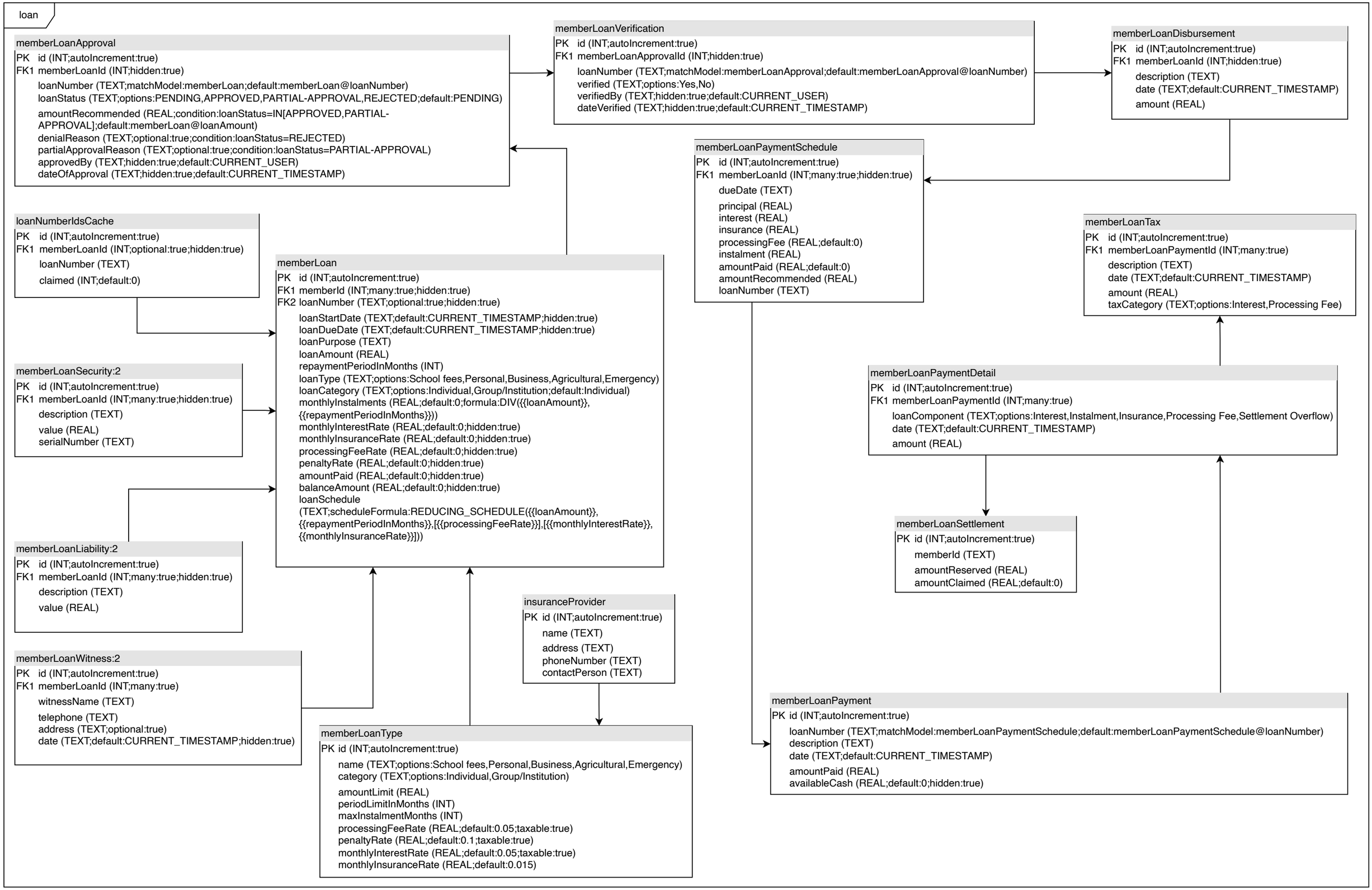
PK	id (INT;autoIncrement:true)
FK1	memberId (INT)
	postalAddress (TEXT)
	residentialAddress (TEXT)
	email (TEXT;optional:true)
	homeVillage (TEXT)
	homeTraditionalAuthority (TEXT)
	homeDistrict (TEXT)

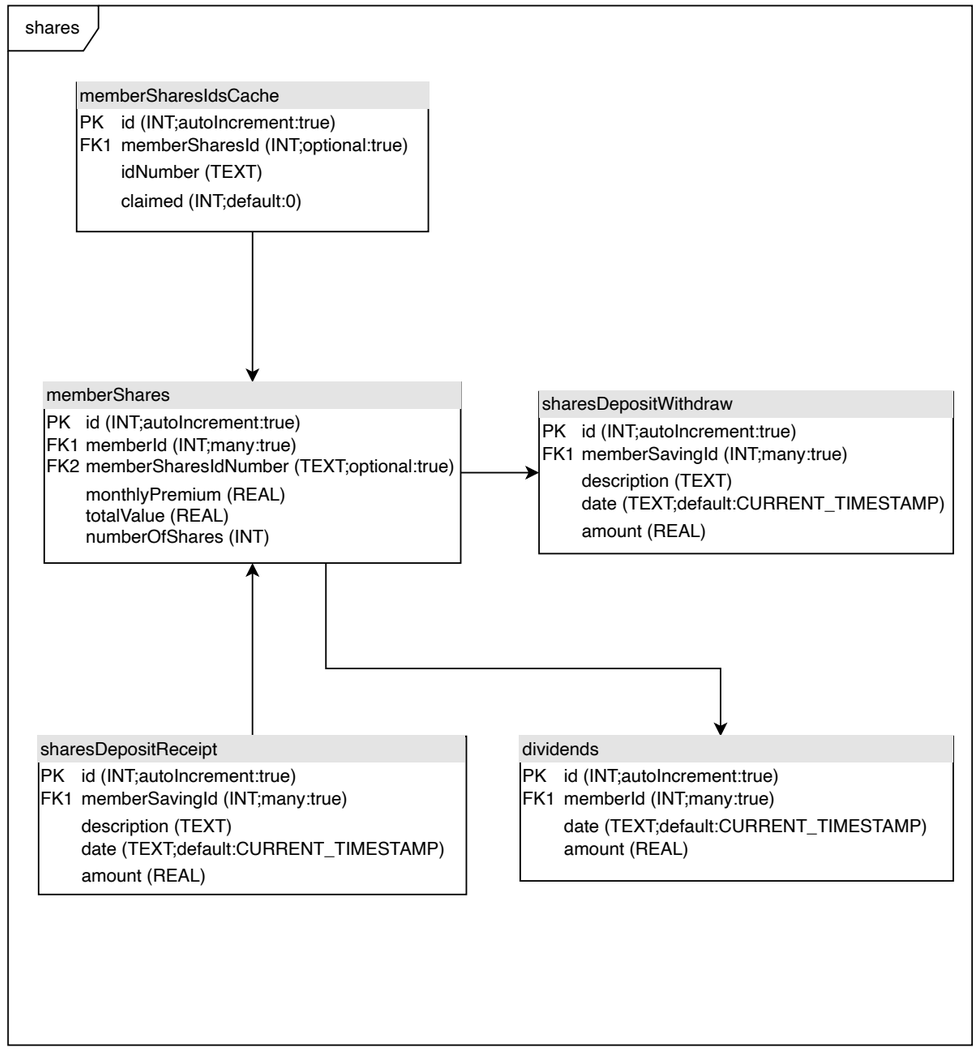
memberNextYearBusinessProjection

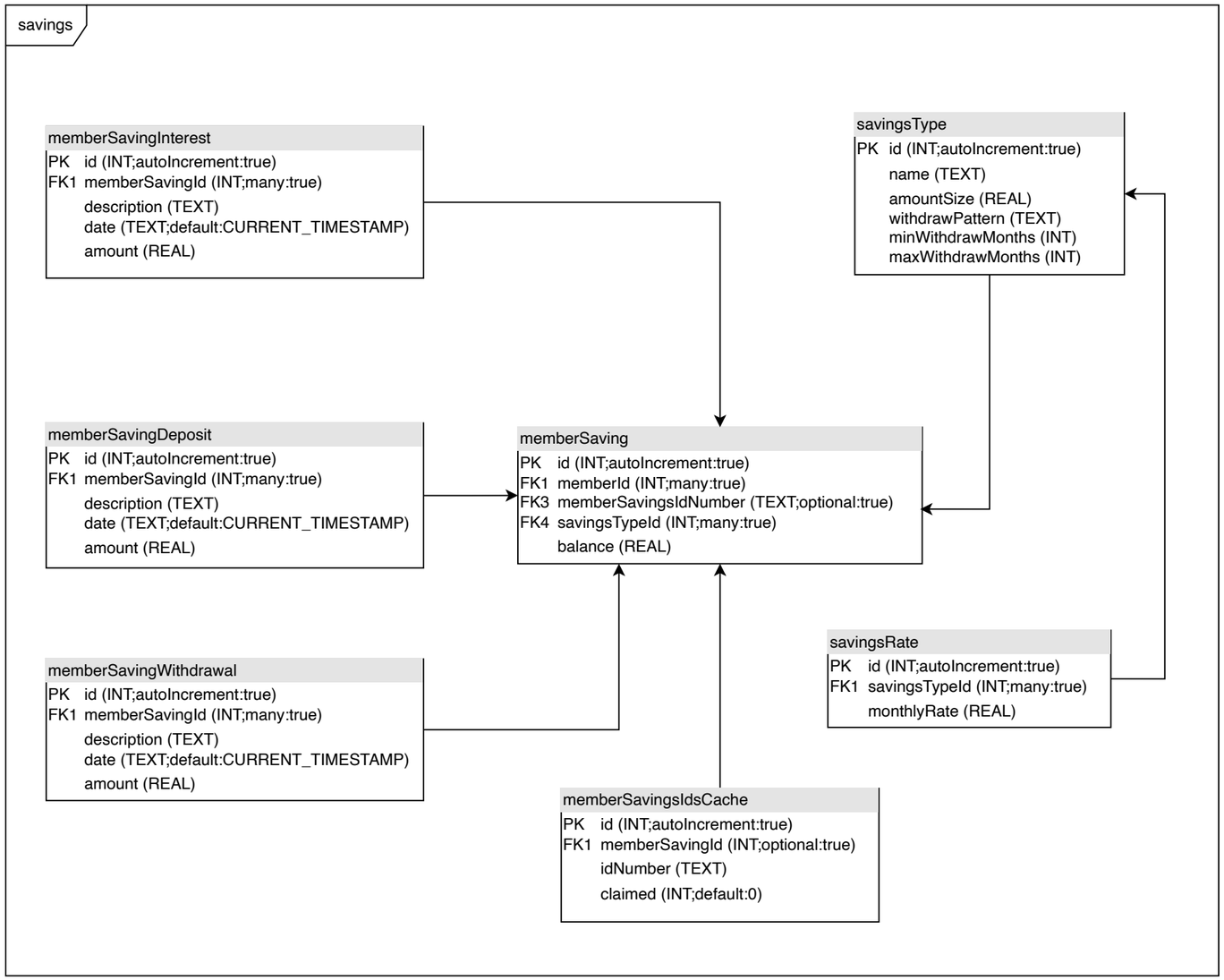
PK	id (INT;autoIncrement:true)
FK1	memberBusinessId (INT)
	financialYear (INT)
	totalIncome (REAL)
	totalCostOfGoods (REAL)
	employeeWages (REAL)
	ownSalary (REAL)
	transport (REAL)
	loanInterest (REAL)
	utilities (REAL)
	rentals (REAL)
	otherCosts (REAL)
	totalCosts (REAL;formula:SUM({{totalCostOfGoods}}, {{employeesWages}}, {{ownSalary}}, {{transport}}, {{loanInterest}}, {{utilities}}, {{rentals}}, {{otherCosts}}))
	netProfitLoss (REAL;formula:DIFF({{totalIncome}},{{totalCostOfGoods}}, {{employeesWages}}, {{ownSalary}}, {{transport}}, {{loanInterest}}, {{utilities}}, {{rentals}}, {{otherCosts}}))

memberLastYearBusinessHistory

PK	id (INT;autoIncrement:true)
FK1	memberBusinessId (INT)
	financialYear (INT)
	totalIncome (REAL)
	totalCostOfGoods (REAL)
	employeeWages (REAL)
	ownSalary (REAL)
	transport (REAL)
	loanInterest (REAL)
	utilities (REAL)
	rentals (REAL)
	otherCosts (REAL)
	totalCosts (REAL;formula:SUM({{totalCostOfGoods}}, {{employeesWages}}, {{ownSalary}}, {{transport}}, {{loanInterest}}, {{utilities}}, {{rentals}}, {{otherCosts}}))
	netProfitLoss (REAL;formula:DIFF({{totalIncome}},{{totalCostOfGoods}}, {{employeesWages}}, {{ownSalary}}, {{transport}}, {{loanInterest}}, {{utilities}}, {{rentals}}, {{otherCosts}}))


loan
memberLoanApproval
PK id (INT;autoIncrement:true)
FK1 memberLoanId (INT;hidden:true)
loanNumber (TEXT;matchModel:memberLoan;default:memberLoan@loanNumber)
loanStatus (TEXT;options:PENDING,APPROVED,PARTIAL-APPROVAL,REJECTED;default:PENDING)
amountRecommended (REAL;condition:loanStatus=IN[APPROVED,PARTIAL-APPROVAL];default:memberLoan@loanAmount)
denialReason (TEXT;optional:true;condition:loanStatus=REJECTED)
partialApprovalReason (TEXT;optional:true;condition:loanStatus=PARTIAL-APPROVAL)
approvedBy (TEXT;hidden:true;default:CURRENT_USER)
dateOfApproval (TEXT;hidden:true;default:CURRENT_TIMESTAMP)
memberLoanVerification
PK id (INT;autoIncrement:true)
FK1 memberLoanApprovalId (INT;hidden:true)
loanNumber (TEXT;matchModel:memberLoanApproval;default:memberLoanApproval@loanNumber)
verified (TEXT;options:Yes,No)
verifiedBy (TEXT;hidden:true;default:CURRENT_USER)
dateVerified (TEXT;hidden:true;default:CURRENT_TIMESTAMP)
memberLoanDisbursement
PK id (INT;autoIncrement:true)
FK1 memberLoanId (INT;hidden:true)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
memberLoanPaymentSchedule
PK id (INT;autoIncrement:true)
FK1 memberLoanId (INT;many:true;hidden:true)
dueDate (TEXT)
principal (REAL)
interest (REAL)
insurance (REAL)
processingFee (REAL;default:0)
instalment (REAL)
amountPaid (REAL;default:0)
amountRecommended (REAL)
loanNumber (TEXT)
loanNumberIdsCache
PK id (INT;autoIncrement:true)
FK1 memberLoanId (INT;optional:true;hidden:true)
loanNumber (TEXT)
claimed (INT;default:0)
memberLoanTax
PK id (INT;autoIncrement:true)
FK1 memberLoanPaymentId (INT;many:true)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
taxCategory (TEXT;options:Interest,Processing Fee)
memberLoan
PK id (INT;autoIncrement:true)
FK1 memberId (INT;many:true;hidden:true)
FK2 loanNumber (TEXT;optional:true;hidden:true)
loanStartDate (TEXT;default:CURRENT_TIMESTAMP;hidden:true)
loanDueDate (TEXT;default:CURRENT_TIMESTAMP;hidden:true)
loanPurpose (TEXT)
loanAmount (REAL)
repaymentPeriodInMonths (INT)
loanType (TEXT;options:School fees,Personal,Business,Agricultural,Emergency)
loanCategory (TEXT;options:Individual,Group/Institution;default:Individual)
monthlyInstalments (REAL;default:0;formula:DIV({{loanAmount}},{{repaymentPeriodInMonths}}))
monthlyInterestRate (REAL;default:0;hidden:true)
monthlyInsuranceRate (REAL;default:0;hidden:true)
processingFeeRate (REAL;default:0;hidden:true)
penaltyRate (REAL;default:0;hidden:true)
amountPaid (REAL;default:0;hidden:true)
balanceAmount (REAL;default:0;hidden:true)
loanSchedule (TEXT;scheduleFormula:REDUCING_SCHEDULE({{loanAmount}},{{repaymentPeriodInMonths}},[{{processingFeeRate}}],[{{monthlyInterestRate}},{{monthlyInsuranceRate}}]))
memberLoanSecurity:2
PK id (INT;autoIncrement:true)
FK1 memberLoanId (INT;many:true;hidden:true)
description (TEXT)
value (REAL)
serialNumber (TEXT)
memberLoanPaymentDetail
PK id (INT;autoIncrement:true)
FK1 memberLoanPaymentId (INT;many:true)
loanComponent (TEXT;options:Interest,Instalment,Insurance,Processing Fee,Settlement Overflow)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
memberLoanSettlement
PK id (INT;autoIncrement:true)
memberId (TEXT)
amountReserved (REAL)
amountClaimed (REAL;default:0)
memberLoanLiability:2
PK id (INT;autoIncrement:true)
FK1 memberLoanId (INT;many:true;hidden:true)
description (TEXT)
value (REAL)
insuranceProvider
PK id (INT;autoIncrement:true)
name (TEXT)
address (TEXT)
phoneNumber (TEXT)
contactPerson (TEXT)
memberLoanWitness:2
PK id (INT;autoIncrement:true)
FK1 memberLoanId (INT;many:true)
witnessName (TEXT)
telephone (TEXT)
address (TEXT;optional:true)
date (TEXT;default:CURRENT_TIMESTAMP;hidden:true)
memberLoanPayment
PK id (INT;autoIncrement:true)
loanNumber (TEXT;matchModel:memberLoanPaymentSchedule;default:memberLoanPaymentSchedule@loanNumber)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amountPaid (REAL)
availableCash (REAL;default:0;hidden:true)
memberLoanType
PK id (INT;autoIncrement:true)
name (TEXT;options:School fees,Personal,Business,Agricultural,Emergency)
category (TEXT;options:Individual,Group/Institution)
amountLimit (REAL)
periodLimitInMonths (INT)
maxInstalmentMonths (INT)
processingFeeRate (REAL;default:0.05;taxable:true)
penaltyRate (REAL;default:0.1;taxable:true)
monthlyInterestRate (REAL;default:0.05;taxable:true)
monthlyInsuranceRate (REAL;default:0.015)


shares
memberSharesIdsCache
PK id (INT;autoIncrement:true)
FK1 memberSharesId (INT;optional:true)
idNumber (TEXT)
claimed (INT;default:0)
memberShares
PK id (INT;autoIncrement:true)
FK1 memberId (INT;many:true)
FK2 memberSharesIdNumber (TEXT;optional:true)
monthlyPremium (REAL)
totalValue (REAL)
numberOfShares (INT)
sharesDepositWithdraw
PK id (INT;autoIncrement:true)
FK1 memberSavingId (INT;many:true)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
sharesDepositReceipt
PK id (INT;autoIncrement:true)
FK1 memberSavingId (INT;many:true)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
dividends
PK id (INT;autoIncrement:true)
FK1 memberId (INT;many:true)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)


savings
memberSavingInterest
PK id (INT;autoIncrement:true)
FK1 memberSavingId (INT;many:true)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
savingsType
PK id (INT;autoIncrement:true)
name (TEXT)
amountSize (REAL)
withdrawPattern (TEXT)
minWithdrawMonths (INT)
maxWithdrawMonths (INT)
memberSavingDeposit
PK id (INT;autoIncrement:true)
FK1 memberSavingId (INT;many:true)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
memberSaving
PK id (INT;autoIncrement:true)
FK1 memberId (INT;many:true)
FK3 memberSavingsIdNumber (TEXT;optional:true)
FK4 savingsTypeId (INT;many:true)
balance (REAL)
savingsRate
PK id (INT;autoIncrement:true)
FK1 savingsTypeId (INT;many:true)
monthlyRate (REAL)
memberSavingWithdrawal
PK id (INT;autoIncrement:true)
FK1 memberSavingId (INT;many:true)
description (TEXT)
date (TEXT;default:CURRENT_TIMESTAMP)
amount (REAL)
memberSavingsIdsCache
PK id (INT;autoIncrement:true)
FK1 memberSavingId (INT;optional:true)
idNumber (TEXT)
claimed (INT;default:0)