

triggers

user

user	
PK	id (INT;autoIncrement:true)
	username (TEXT;unique:true)
	password (TEXT)
	name (TEXT)
	userRole (TEXT)

userRole	
PK	id (INT;autoIncrement:true)
	name (TEXT)

finance

account	
PK	id (INT;autoIncrement:true)
	name (TEXT)
	number (INT)
	normal (INT)

accountTransaction	
PK	id (INT;autoIncrement:true)
	date (TEXT;default:CURRENT_TIMESTAMP)
	description (TEXT)

accountStatement	
PK	accountId (INT;many:true)
FK1	date (TEXT;default:CURRENT_TIMESTAMP)
	closingBalance (REAL)
	totalCredit (REAL)
	totalDebit (REAL)

accountJournal	
PK	id (INT;autoIncrement:true)
FK1	accountId (INT;many:true)
FK2	accountTransactionId (INT;many:true)
	date (TEXT;default:CURRENT_TIMESTAMP)
	amount (REAL)
	direction (INT)

others

notification	
PK	id (INT;autoIncrement:true)
FK1	memberId (INT;many:true)
	date (TEXT;default:CURRENT_TIMESTAMP)
	message (TEXT)
	msgDelivered (TEXT;options:Yes,No;default:No;optional:true)
	msgRead (TEXT;options:Yes,No;default:No;optional:true)

taxRate	
PK	id (INT;autoIncrement:true)
	name (TEXT)
	value (REAL)

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)

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)

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)

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}}))



