

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;unique:true)

finance

account

PK id (INT;autoIncrement:true)
name (TEXT;unique:true)
accountType (TEXT;options:ASSET,LIABILITY,EXPENSE,EQUITY,REVENUE)
balance (INT;default:0)
increasedBy (TEXT;default:DEBIT)
decreasedBy (TEXT;default:CREDIT)

accountEntry

PK id (INT;autoIncrement:true)
FK1 accountId (INT;many:true;hidden:true)
referenceNumber (TEXT)
name (TEXT;optional:true)
description (TEXT;optional:true)
debitCredit (TEXT;options:DEBIT,CREDIT)
amount (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;unique:true) |
| | 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}})) |



