

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}})) |



