Micro Finance Database ER Diagram

Ashish | June 6, 2023

Labels
- SuperAdmin
- User
- AccountSetup
- ClientRegistration

AccountType
Id (Pk)	INT NOT NULL
Name	STRING NOT NULL

GroupTypeDetails
Id (Pk)	INT NOT NULL
GroupTypeId (FK)	INT NOT NULL ON DELETE CASCADE
Name	STRING NOT NULL
NepaliName	STRING
BankBranch	STRING NOT NULL
AccountNumber	STRING NOT NULL
BankType	STRING NOT NULL
InterestRate	STRING NOT NULL
Branch	STRING NOT NULL

GroupType
Id (Pk)	INT NOT NULL
Name	STRING NOT NULL
NepaliName	STRING
EntryDate	DATE NOT NULL
Schedule	INT
AccountTypeId (FK)	INT NOT NULL

Ledger
Id (Pk)	INT
Name	STRING NOT NULL
NepaliName	STRING
EntryDate	DATE NOT NULL
DepreciationRate	DECIMAL
IsSubLedgerActive	BOOL NOT NULL
HisabNumber	STRING

GroupTypeAndLedgerMap
Id (Pk)	INT
LedgerId (FK)	INT NOT NULL
GroupTypeId (FK)	INT NOT NULL

SubLedger
Id (Pk)	INT
LedgerId (FK)	INT NOT NULL
Name	STRING NOT NULL
Description	STRING

AspNetUserRoles
UserId (FK)	String
RoleId (FK)	String

AspNetUsers
Id (Pk)	String
Name	String
IsActive	Boolean
UserName	String
Password	String

AspNetRoles
Id (Pk)	String
Name	String
NormalizedName	String

Employee
Id (PK)	Int
Name	String
Email	String
Username	String
CreatedBy	String
CompanyName	String
Branchname	String
DateOfJoining	Date
Designation	String
Gender	String
PFAllowed	Boolean
SalaryPostingAccount	String
ProvidentPostingAccount	String
SalaryAmount	Double
Tax	Float
Facilities	String
OtherFacilities	String
Grade	String
PANNumber	String

AspNetUserRoles
UserId (FK)	String
RoleId (FK)	String

AspNetRoles
Id (PK)	String
Name	String
NormalizedName	String

AspNetUsers
Id (PK)	String
DepositLimit	Double
LoanLimit	Double
IsActive	Boolean
CreatedBy	String
EmployeeId (FK)	Int
UserName	String
Email	String
Password	String

ClientAddress
Id (Pk)	INT NOT NULL
PermanentVdcMunicipality	STRING NOT NULL
PermanentVdcMunicipalityNepali	STRING
PermanentToleVillage	STRING
PermanentToleVillageNepali	STRING
PermanentWardNumber	STRING NOT NULL
PermanentWardNumberNepali	STRING
PermanentDistrict	STRING NOT NULL
PermanentDistrictNepali	STRING
PermanentState	STRING NOT NULL
TemporaryVdcMunicipality	STRING
TemporaryVdcMunicipalityNepali	STRING
TemporaryToleVillage	STRING
TemporaryToleVillageNepali	STRING
TemporaryWardNumber	STRING
TemporaryWardNumberNepali	STRING
TemporaryDistrict	STRING
TemporaryDistrictNepali	STRING
TemporaryState	STRING

ClientKYMTypeInfo
Id (Pk)	INT NOT NULL
Type	STRING NOT NULL

ClientShareTypeInfo
Id (Pk)	INT NOT NULL
Type	STRING NOT NULL

ClientAccountTypeInfo
Id (Pk)	INT NOT NULL
Type	STRING NOT NULL

ClientTypeInfo
Id (Pk)	INT NOT NULL
Type	STRING NOT NULL

Client
Id (Pk)	INT NOT NULL
IsActive	BOOL NOT NULL
RegistrationDate	DATE NOT NULL
IsKYMUpdate	BOOL
ClientKYMTypeInfoId (FK)	INT
ClientShareTypeInfoId (FK)	INT
CreatedBy	STRING NOT NULL
CreateOn	DATE NOT NULL
EndedOn	DATE
IsModified	BOOL
ModifiedBy (FK)	INT
ModifiedOn	DATE
ModificationCount	INT
ClientInfold (FK)	INT NOT NULL
ClientAccountTypeInfoId (FK)	INT NOT NULL
ClientTypeInfold (FK)	INT NOT NULL
ClientContactInfold (FK)	INT
ClientAddressInfold (FK)	INT NOT NULL
ClientFamilyInfold (FK)	INT NOT NULL
ClientNomineeInfold (FK)	INT NOT NULL

ClientContactInfo
Id (Pk)	INT NOT NULL
MobileNumber1	STRING
MobileNumber2	STRING
TelephoneNumber1	STRING
TelephoneNumber2	STRING
Email	STRING
Website	STRING

ClientFamilyInfo
Id (Pk)	INT NOT NULL
MotherName	STRING NOT NULL
MotherNameNepali	STRING
FatherName	STRING NOT NULL
FatherNameNepali	STRING
GrandFatherName	STRING NOT NULL
GrandFatherNameNepali	STRING
SpouseName	STRING
SpouseOccupation	STRING
NameOfSons	STRING
NameOfDaughters	STRING
FatherInLaw	STRING
MotherInLaw	Type

ClientNomineeInfo
Id (Pk)	INT NOT NULL
Name	STRING
NepaliName	STRING
Relation	STRING
NepaliRelation	STRING
IntroducedBy	STRING

ClientInfo
Id (Pk)	INT NOT NULL
FirstName	String NOT NULL
MiddleName	STRING
LastName	STRING NOT NULL
NepaliName	STRING
Cast	STRING
Gender	STRING
DateOfBirth	DATE
Occupation	STRING
CitizenshipNumber	STRING NOT NULL
IssueDistrict	STRING
IssueDate	DATE
Nationality	STRING
PanNumber	STRING
EducationStatus	STRING
MaritalStatus	STRING
NationalityIdStatus	STRING
VotingId	STRING
OtherInfo	STRING
OtherInfo2	STRING
IncomeSource	STRING
AccountPurposeNepali	STRING
IfMemberOfOtherParty	STRING

DepositScheme
Id (Pk)	INT NOT NULL
Name	STRING NOT NULL, UNIQUE
NameNepali	STRING
DepositType	STRING NOT NULL
Symbol	STRING NOT NULL
MinimumBalance	INT NOT NULL
InterestRate	DECIMAL NOT NULL
MinimumInterestRate	DECIMAL
MaximumInterestRate	DECIMAL
Calculation	STRING NOT NULL
PostingSchemeId (FK)	INT NOT NULL
ClosingCharge	INT
LiabilityAccountId (FK)	INT NOT NULL
InterestAccountId (FK)	INT NOT NULL
FineAmount	INT
CreatedBy (FK)	STRING NOT NULL
CreatedOn	DATE NOT NULL
ModifiedBy	STRING
ModifiedOn	DATE

PositngScheme
Id (PK)	INT
Name	STRING NOT NULL

DepositAccount
Id (Pk)	INT NOT NULL
DepositSchemeId (FK)	INT NOT NULL
AccountNumber	STRING NOT NULL UNIQUE
ClientId (FK)	INT NOT NULL
OpeningDate	Date NOT NULL
Period	INT
PeriodType	STRING
AccountType	STRING NOT NULL
JoinClientId (FK)	INT
MatureDate	DATE
InterestRate	DECIMAL NOT NULL
MinimumBalance	INT NOT NULL
ReferredBy (FK)	STRING NOT NULL
InterestPostingAccountNumber	STRING
MatureInterestPostingAccountNumber	STRING
Description	STRING
Status	INT NOT NULL
IsSMSServiceActive	BOOL NOT NULL
DailyDepositAmount	INT
TotalDepositDay	INT
TotalDepositAmount	INT
TotalReturnAmount	INT
TotalInterestAmount	INT

Ledger
Ledger