|  |  |  |  |
| --- | --- | --- | --- |
| TABLE NAME | COLUMNS |  | Sample Data |
| DISCOUNTING\_MODULES | ModuleID | Int (PK) |  |
|  | ModuleName | string |  |
|  | Status | bit |  |
|  |  |  |  |
| DISCOUNTING \_AUTHORIZERSTEP | AuthStepID | Int(PK) |  |
|  | ModuleID | int |  |
|  | Step | int |  |
|  | Status | bit | 0 – Inactive  1 - Active |
|  |  |  |  |
| DISCOUNTING \_AUTHORIZATIONDETAILS | AuthID | Int(PK) |  |
|  | AuthorizerEmail | String |  |
|  | AuthStatus | Int | 0-Pending  1-Approved  2-Rejected |
|  | Comment | string |  |
|  | CurrentStep | int |  |
|  | NextApprovingOfficer | string |  |
|  | AuthDate | date |  |
|  |  |  |  |
| DISCOUNTING \_ROLE | RoleID | Int(PK) |  |
|  | RoleName | String |  |
|  | Modules | String |  |
|  | CreatorName | String |  |
|  | CreatorEmail | String |  |
|  | CreatedDate | Datetime |  |
|  | Status | bit |  |
|  |  |  |  |
| DISCOUNTING \_USERS | UserID | Int(PK) |  |
|  | Username | String |  |
|  | FirstName | String |  |
|  | LastName | String |  |
|  | Email | String |  |
|  | RoleID | Int |  |
|  | RoleName | String |  |
|  | UserType | String | Internal/External |
|  | UserClass | String | Vendor/Access bank Rep/ Corporate |
|  | CorporateID | Int |  |
|  | Status | Bit |  |
|  | FailureTries | Int |  |
|  | LockStatus | Bit |  |
|  | LastLockTime | Date |  |
|  | HashedPassword | String |  |
|  | IsPasswordNewlyCreated | Bit |  |
|  | InputterEmail | String |  |
|  | CreatedDate | Date |  |
|  | LastLoginDate | Date |  |
|  |  |  |  |
| DISCOUNTING \_CORPORATEDETAILS | CorporateID | Int(PK) |  |
|  | CorporateName | String |  |
|  | PrincipalPhoneNo | String |  |
|  | PrincipalEmail | String |  |
|  | PrincipalAccountNo | String |  |
|  | Status | Bit |  |
|  | CreatedBy | String |  |
|  | CreatedDate | Date |  |
|  |  |  |  |
| DISCOUNTING\_CONTRACT | ID | Number(PK) |  |
|  | UniqueID | Number |  |
|  | UniquePO | string |  |
|  | Name | String |  |
|  | Quantity | String |  |
|  | Description | String |  |
|  | PaymentTenor | String |  |
|  | Days | Number |  |
|  | Date | Date |  |
|  | VendorName | string |  |
|  | VendorCategory | String |  |
|  | VendorEmail | String |  |
|  |  |  |  |
| DISCOUNTING\_VENDOR | ID | Number |  |
|  | UniqueID | Number |  |
|  | Name | String |  |
|  | Category | String |  |
|  | Email | String |  |
|  | AccountNo | String |  |
|  | Address | String |  |
|  | EmailAddress | String |  |
|  | Bank | String |  |
|  | TIN\_RC | String |  |
|  | ServiceNature | String |  |
|  | DateCreated | Date |  |
|  |  |  |  |
| DISCOUNTING\_LOG | ID | Int | primaryKey |
|  | UserName | String |  |
|  | ActionPerformed | String |  |
|  | DateCreated | Date |  |
|  |  |  |  |
| DISCOUNTING\_ANALYTICS\_CORP | ID | Number |  |
|  | OutstandingInvoice | String |  |
|  | AmountPaidVendor | Decimal |  |
|  | Tax | Decimal |  |
|  | Duration | String |  |
|  |  |  |  |

 Discounting Table

1. **DISCOUNTING\_USERS**

create table DISCOUNTING\_USERS

(

  id                       NUMBER not null,

  UserID                 NUMBER not null,

  Username               NVARCHAR2(50),

  FirstName              NVARCHAR2(50),

  LastName               NVARCHAR2(50),

  Email                  NVARCHAR2(50),

  RoleID                 NUMBER,

  RoleName               NVARCHAR2(50),

  UserType               NVARCHAR2(50),

  UserClass             NVARCHAR2(50),

  CorporateID            NUMBER,

  Status                 CHAR(1),

  FailureTries           NUMBER,

  LockStatus             CHAR(1),

  astLockTime           DATE,

  HashedPassword         NVARCHAR2(200),

  IsPasswordNewlyCreated CHAR(1),

  InputterEmail          NVARCHAR2(50),

  CreatedDate            DATE,

  LastLoginDate          DATE

)

1. **DISCOUNTING\_ROLE**

create table DISCOUNTING\_ROLE

(

  id           NUMBER,

  roleid       NUMBER,

  rolename     NVARCHAR2(50),

  modules      NVARCHAR2(50),

  creatorname  NVARCHAR2(50),

  creatoremail NVARCHAR2(20),

  createddate  DATE,

  status       CHAR(1)

)

1. **DISCOUNTING\_CORPORATEDETAILS**

  create table DISCOUNTING\_CORPORATEDETAILS

(

  id                 NUMBER,

  corporateid        NUMBER,

  corporatename      NVARCHAR2(50),

  principalphoneno   NVARCHAR2(20),

  principalemail     NVARCHAR2(20),

  principalaccountno NVARCHAR2(20),

  status             CHAR(1),

  createdby          NVARCHAR2(50),

  createddate        DATE

)

1. **DISCOUNTING\_CONTRACT**

create table DISCOUNTING\_CONTRACT

(

  id             NUMBER,

  uniqueid       NUMBER,

  uniquepo       NVARCHAR2(50),

  contractname   NVARCHAR2(100),

  quantity       NVARCHAR2(100),

  description    NVARCHAR2(100),

  paymenttenor   NUMBER,

  days           NUMBER,

  createddate    DATE,

  vendorname     NVARCHAR2(50),

  vendorcategory NVARCHAR2(50),

  vendoremail    NVARCHAR2(50)

)

1. **DISCOUNTING\_AUTHORIZERSTEP**

    create table DISCOUNTING\_AUTHORIZERSTEP

(

  id         NUMBER not null,

  authstepid NUMBER not null,

  moduleid   NUMBER,

  step       NUMBER,

  status     CHAR(1)

)

1. DISCOUNTING\_MODULES

create table DISCOUNTING\_MODULES

(

  id         NUMBER not null,

  moduleid   NUMBER not null,

  modulename NVARCHAR2(20),

  status     CHAR(1)

)

1. **DISCOUNTING\_AUTHDETAILS**

create table DISCOUNTING\_AUTHDETAILS

(

  id                   NUMBER not null,

  authid               NUMBER not null,

  authorizeremail      NVARCHAR2(20),

  authstatus           NUMBER,

  comments             NVARCHAR2(100),

  currentstep          NUMBER,

  nextapprovingofficer NVARCHAR2(50),

  authdate             DATE

)

1. **DISCOUNTING\_VENDOR**

create table DISCOUNTING\_VENDOR

(

  id            NUMBER,

  uniqueid      NUMBER,

  category      NVARCHAR2(50),

  email         NVARCHAR2(20),

  accountno     NVARCHAR2(20),

  address       NVARCHAR2(100),

  bank          NVARCHAR2(50),

  tin\_rc        NVARCHAR2(50),

  servicenature NVARCHAR2(50),

  datecreated   DATE

)

1. **DISCOUNTING\_LOG**

create table **DISCOUNTING\_LOG**

(

  id         NUMBER not null,

  username  NVARCHAR(50),

  actionperfomed    NVARCHAR(1000),

  datecreated        date

)

**CREATE** **SEQUENCE** discounting\_contract\_resp\_seq

**INCREMENT** **BY** 1

**START** **WITH** 1

**MINVALUE** 1

**MAXVALUE** 9999999999

**NOCYCLE**

**NOORDER**

**CACHE** 20

;

**CREATE** **TABLE** discounting\_contract\_response

(id **NUMBER** **NOT** **NULL**,

contract\_id **NUMBER**,

supportingdocument1 **BLOB**,

supportingdocument2 **BLOB**,

SUPPORTINGDOC1FILENAME **VARCHAR2**(50),

SUPPORTINGDOC2FILENAME **VARCHAR2**(50),

vendorcomment **VARCHAR2**(255),

responsestatus **VARCHAR2**(20),

vendorname **VARCHAR2**(50),

vendoremail **VARCHAR2**(50),

datecreated **DATE**);

**CREATE** **OR** REPLACE **TRIGGER** discounting\_contract\_resp\_tr

**BEFORE**

**INSERT**

**ON** discounting\_contract\_response

**REFERENCING** **NEW** **AS** **NEW** **OLD** **AS** **OLD**

**FOR** **EACH** **ROW**

**WHEN** (**new**.ID **IS** **NULL**)

**BEGIN**

:**new**.ID := discounting\_contract\_resp\_seq.**NEXTVAL**;

**END**;

**CREATE** **SEQUENCE** discounting\_contr\_udf\_resp\_seq

**INCREMENT** **BY** 1

**START** **WITH** 1

**MINVALUE** 1

**MAXVALUE** 9999999999

**NOCYCLE**

**NOORDER**

**CACHE** 20

;

**CREATE** **TABLE** discounting\_contract\_udf\_resp

(id **NUMBER** **NOT** **NULL**,

contractid **NUMBER**,

contractresponseid **NUMBER**,

textvalue **VARCHAR2**(255),

uploadvalue **BLOB**,

UPLOADFILENAME **VARCHAR2**(50),

responseType **NUMBER**,

createddate **DATE**

);

**CREATE** **OR** REPLACE **TRIGGER** discounting\_contr\_udf\_resp\_tr

**BEFORE**

**INSERT**

**ON** discounting\_contract\_udf\_resp

**REFERENCING** **NEW** **AS** **NEW** **OLD** **AS** **OLD**

**FOR** **EACH** **ROW**

**WHEN** (**new**.ID **IS** **NULL**)

**BEGIN**

:**new**.ID := discounting\_contr\_udf\_resp\_seq.**NEXTVAL**;

**END**;

**The DISCOUNTING INVOICE procedures**

1. **PR\_DISCOUNTING\_AUTHDETAILS**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_AUTHDETAILS

(

  AuthID NUMBER,

  AuthorizerEmail NVARCHAR2,

  AuthStatus NUMBER,

  Comments NVARCHAR2,

  CurrentStep NUMBER,

  NextApprovingOfficer NVARCHAR2,

  AuthDate DATE

)

AS

BEGIN

INSERT INTO DISCOUNTING\_AUTHDETAILS

(ID,AuthID,AuthorizerEmail,AuthStatus,Comments,CurrentStep,NextApprovingOfficer,AuthDate)

VALUES

(SQ\_Invoice\_Discounting.NEXTVAL,AuthID,AuthorizerEmail,AuthStatus,Comments,CurrentStep, NextApprovingOfficer,AuthDate);

COMMIT;

END;

1. **PR\_DISCOUNTING\_AUTHORIZERSTEP**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_AUTHORIZERSTEP

(

  AuthStepID NUMBER,

  ModuleID NUMBER,

  Step NUMBER ,

  Status CHAR

)

AS

BEGIN

INSERT INTO DISCOUNTING\_AUTHORIZERSTEP

(ID, AuthStepID, ModuleID, Step, Status)

VALUES

(SQ\_Invoice\_Discounting.NEXTVAL, AuthStepID, ModuleID, Step,Status);

COMMIT;

END;

1. **PR\_DISCOUNTING\_CONTRACT**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_CONTRACT

(

  UniqueID       NUMBER,

  UniquePO       NVARCHAR2,

  ContractName           NVARCHAR2,

  Quantity       NVARCHAR2,

  Description    NVARCHAR2,

  PaymentTenor   NUMBER,

  Days           NUMBER,

  CreatedDate    DATE,

  VendorName     NVARCHAR2,

  VendorCategory NVARCHAR2,

  VendorEmail    NVARCHAR2

)

AS

BEGIN

INSERT INTO DISCOUNTING\_CONTRACT

(ID, UniqueID, UniquePO, ContractName, Quantity,Description,PaymentTenor,Days,CreatedDate,VendorName,VendorCategory,VendorEmail)

VALUES

(SQ\_Invoice\_Discounting.NEXTVAL,UniqueID, UniquePO, ContractName, Quantity,Description,PaymentTenor,Days,CreatedDate,VendorName,VendorCategory,VendorEmail);

COMMIT;

END;

1. **PR\_DISCOUNTING\_CORPDETAILS**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_CORPDETAILS

(

  corporateid        NUMBER,

  corporatename      NVARCHAR2,

  principalphoneno   NVARCHAR2,

  principalemail     NVARCHAR2,

  principalaccountno NVARCHAR2,

  status             CHAR,

  createdby          NVARCHAR2,

  createddate        DATE

)

AS

BEGIN

INSERT INTO DISCOUNTING\_CORPORATEDETAILS

(ID, corporateid,corporatename,principalphoneno,principalemail,principalaccountno,status,createdby,createddate)

VALUES

(SQ\_Invoice\_Discounting.NEXTVAL,corporateid,corporatename,principalphoneno,principalemail,principalaccountno,status,createdby,createddate);

COMMIT;

END;

1. **PR\_DISCOUNTING\_MODULES**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_MODULES

(

            MODULEID NUMBER,

            MODULENAME NVARCHAR2,

            STATUS CHAR

)

AS

BEGIN

INSERT INTO DISCOUNTING\_MODULES(ID,MODULEID,MODULENAME,STATUS)

VALUES(SQ\_Invoice\_Discounting.NEXTVAL,MODULEID,MODULENAME,STATUS);

COMMIT;

END;

1. **PR\_DISCOUNTING\_ROLE**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_ROLE

(

  roleid       NUMBER,

  rolename     NVARCHAR2,

  modules      NVARCHAR2,

  creatorname  NVARCHAR2,

  creatoremail NVARCHAR2,

  createddate  DATE,

  status       CHAR

)

AS

BEGIN

INSERT INTO DISCOUNTING\_ROLE

(ID,roleid,rolename,modules,creatorname,creatoremail,createddate,status)

VALUES

(SQ\_Invoice\_Discounting.NEXTVAL,roleid,rolename,modules,creatorname,creatoremail,createddate,status);

COMMIT;

END;

1. **PR\_DISCOUNTING\_USERS**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_USERS

(

     userid                 NVARCHAR2,

  username               NVARCHAR2,

  firstname              NVARCHAR2,

  lastname               NVARCHAR2,

  email                  NVARCHAR2,

  roleid                 NUMBER,

  rolename               NVARCHAR2,

  usertype               NVARCHAR2,

  userclass              NVARCHAR2,

  corporateid            NUMBER,

  status                 CHAR,

  failuretries           NUMBER,

  lockstatus             CHAR,

  lastlocktime           DATE,

  hashpassword           NVARCHAR2,

  ispasswordnewlycreated CHAR,

  inputteremail          NVARCHAR2,

  createddate            DATE,

  lastlogindate          DATE

)

AS

BEGIN

INSERT INTO DISCOUNTING\_USERS

(ID,userid,username,firstname,lastname,email,roleid,rolename,usertype,userclass,corporateid,

  status,failuretries,lockstatus,lastlocktime,hashpassword,ispasswordnewlycreated,inputteremail,

  createddate,lastlogindate)

VALUES

(SQ\_Invoice\_Discounting.NEXTVAL,userid,username,firstname,lastname,email,roleid,rolename,usertype,userclass,corporateid,

  status,failuretries,lockstatus,lastlocktime,hashpassword,ispasswordnewlycreated,inputteremail,

  createddate,lastlogindate);

COMMIT;

END;

1. **PR\_DISCOUNTING\_VENDOR**

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_VENDOR

(

   uniqueid      number,

  category      nvarchar2,

  email         nvarchar2,

  accountno     nvarchar2,

  address       nvarchar2,

  bank          nvarchar2,

  tin\_rc        nvarchar2,

  servicenature nvarchar2,

  datecreated   date

)

AS

BEGIN

INSERT INTO DISCOUNTING\_VENDOR

(ID,uniqueid,category,email,accountno,address,bank,tin\_rc,servicenature,datecreated)

VALUES

(SQ\_Invoice\_Discounting.NEXTVAL,uniqueid,category,email,accountno,address,bank,tin\_rc,servicenature,datecreated);

COMMIT;

END;

1. PR\_DISCOUNTING\_LOG

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_LOG

(

  username  NVARCHAR2,

  actionperfomed    NVARCHAR2,

  datecreated        date

)

AS

BEGIN

INSERT INTO DISCOUNTING\_MODULES(ID,USERNAME,ACTIONPERFORMED,DATECREATED)

VALUES(SQ\_Invoice\_Discounting.NEXTVAL,USERNAME,ACTIONPERFORMED,DATECREATED);

COMMIT;

END;

1. PR\_DISCOUNTING\_LOG

CREATE OR REPLACE PROCEDURE PR\_DISCOUNTING\_LOG

(

  id             NUMBER,

uniqueid NUMBER NOT NULL,

  contractname       NVARCHAR2(500),

  description         NVARCHAR2(500),

  invoice      NVARCHAR2(1000),

  status        NVARCHAR2(50),

  datecreated    DATE

)

AS

BEGIN

INSERT INTO DISCOUNTING\_MODULES(ID, uniqueid,contractname,description, invoice, description, status, datecreated)

VALUES(SQ\_Invoice\_Discounting.NEXTVAL, uniqueid,contractname,description, invoice, description, status, datecreated);

COMMIT;

END;

**select \* from discounting\_modules**

**select \* from DISCOUNTING\_AUTHORIZERSTEP**

**select \* from discounting\_Authdetails**

**select \* from DISCOUNTING\_ROLE**

**select \* from DISCOUNTING\_USERS**

**select \* from DISCOUNTING\_CORPORATEDETAILS**

**select \* from DISCOUNTING\_CONTRACT**

**select \* from DISCOUNTING\_VENDOR**

**CONNECTIONSTRING**

"Data Source=(DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 10.1.66.15)(PORT = 1521)) (CONNECT\_DATA = (SERVER = DEDICATED) (SERVICE\_NAME = FCUBSDYA)));Persist Security Info=True;User Id=webserve;Password=moving123"

1. **DISCOUNTING\_CONTRACT**

create table DISCOUNTING\_CONTRACT

(

  id             NUMBER,

  uniqueid       NUMBER,

  uniquepo       NVARCHAR2(50),

  contractname   NVARCHAR2(100),

  quantity       NVARCHAR2(100),

  description    NVARCHAR2(100),

  paymenttenor   NUMBER,

  days           NUMBER,

  createddate    DATE,

  vendorname     NVARCHAR2(50),

  vendorcategory NVARCHAR2(50),

  vendoremail    NVARCHAR2(50)

)

**Alter table names:**

**{**

tenderStatus NVARCHAR(50),

DocumentUpload(path) NVARCHAR(1000),

Comment NVARCHAR(500),

Amount\_per\_Unit Decimal,

SubTotal\_ExcludingVAT,

**}**

1. **DISCOUNTING\_VENDOR**

create table DISCOUNTING\_VENDOR

(

  id            NUMBER,

  uniqueid      NUMBER,

  category      NVARCHAR2(50),

  email         NVARCHAR2(20),

  accountno     NVARCHAR2(20),

  address       NVARCHAR2(100),

  bank          NVARCHAR2(50),

  tin\_rc        NVARCHAR2(50),

  servicenature NVARCHAR2(50),

  datecreated   DATE

)

**Alter Table**

**{**

**Add VendorName**

**}**

**NEW TABLE**

create table DISCOUNTING\_ InvoiceRaised

(

  id             NUMBER,

uniqueid NUMBER NOT NULL,

  contractname       NVARCHAR2(500),

  description         NVARCHAR2(500),

  invoice      NVARCHAR2(1000),

  status        NVARCHAR2(50),

  datecreated    DATE

)

CREATE PROCEDURE PR\_DISCOUNTING\_INSERT\_CONTRACT\_RESP

(

contract\_id NUMBER,

supportingdocument1 BLOB,

supportingdocument2 BLOB,

SUPPORTINGDOC1FILENAME VARCHAR2,

SUPPORTINGDOC2FILENAME VARCHAR2,

vendorcomment VARCHAR2,

vendorname VARCHAR2,

vendoremail VARCHAR2

)

IS

BEGIN

INSERT INTO discounting\_contract\_response(contract\_id,supportingdocument1,supportingdocument2,

SUPPORTINGDOC1FILENAME,SUPPORTINGDOC2FILENAME,vendorcomment,responsestatus,vendorname,

vendoremail,datecreated)

VALUES(contract\_id,supportingdocument1,supportingdocument2,SUPPORTINGDOC1FILENAME,SUPPORTINGDOC2FILENAME

,vendorcomment,'Ongoing',vendorname,vendoremail,SYSDATE)

END;

CREATE PROCEDURE PR\_DISCOUNTING\_INSERT\_CONTR\_UDF\_RESP

(

contractid NUMBER,

contractresponseid NUMBER,

textvalue VARCHAR2,

uploadvalue BLOB,

UPLOADFILENAME VARCHAR2,

responseType NUMBER

)

IS

BEGIN

INSERT INTO discounting\_contract\_udf\_resp(contract\_id,contractresponseid,textvalue,

uploadvalue,UPLOADFILENAME,responseType,datecreated)

VALUES(contract\_id,contractresponseid,textvalue,

uploadvalue,UPLOADFILENAME,responseType,SYSDATE)

END;