CREATE TABLE CONSUMERS

( CONSUMERID NUMBER(10) NOT NULL ,

MARKETERID NUMBER(10),

HANDLE VARCHAR2(40 ),

EMAIL VARCHAR2(40 ),

FIRSTNAME VARCHAR2(100 ),

MIDDLENAME VARCHAR2(100 ),

LASTNAME VARCHAR2(100 ),

PHONE VARCHAR2(20 ),

STATUS CHAR(1 ),

CREATEDTIME TIMESTAMP ,

UPDATEDTIME TIMESTAMP,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

PRIMARY KEY (CONSUMERID) ,

FOREIGN KEY (MARKETERID) REFERENCES MARKETER (MARKETERID)

)

CREATE TABLE MARKETER

( MARKETERID NUMBER(10) NOT NULL ,

DOMAIN VARCHAR2(10 ),

MARKETERTYPE VARCHAR2(10 ),

NAME VARCHAR2(100 ),

CREATEDTIME TIMESTAMP ,

UPDATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

ISACTIVE CHAR(1 ) DEFAULT ‘Y’,

PRIMARY KEY (MARKETERID)

)

CREATE TABLE MARKETERPREFERREDSUPPLIER

( MARKETERSUPPLIERID NUMBER(10) NOT NULL ,

MARKETERID NUMBER(10),

SUPPLIERID NUMBER(10),

PRIMARY KEY (MARKETERSUPPLIERID) ,

FOREIGN KEY (MARKETERID)

REFERENCES MARKETER (MARKETERID) ,

FOREIGN KEY (SUPPLIERID)

REFERENCES SUPPLIER (SUPPLIERID)

)

CREATE TABLE MARKETERPRODUCT

( MARKETERPRODUCTID NUMBER(10) NOT NULL ,

MARKETERID NUMBER(10),

PRODUCTID NUMBER(10),

SKU VARCHAR2(20 ),

PRICE NUMBER(8,0),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

ISACTIVE CHAR(1 ),

PRIMARY KEY (MARKETERPRODUCTID) ,

FOREIGN KEY (MARKETERID)

REFERENCES MARKETER (MARKETERID) ,

FOREIGN KEY (PRODUCTID)

REFERENCES PRODUCT (PRODUCTID)

)

CREATE TABLE CONSUMEROFFER

( CONSUMEROFFERID NUMBER(10) NOT NULL ,

CONSUMERID NUMBER(10),

OFFERSTATUSID NUMBER(10),

MARKETERPRODUCTID NUMBER(10),

OFFERREDDATE TIMESTAMP ,

QUANTITY NUMBER(10,0),

MAXPRICE NUMBER(8,0),

ENDDATE TIMESTAMP ,

ISCURRENT CHAR(1 ),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

PRIMARY KEY (CONSUMEROFFERID) ,

FOREIGN KEY (MARKETERPRODUCTID)

REFERENCES MARKETERPRODUCT (MARKETERPRODUCTID) ,

FOREIGN KEY (CONSUMERID) REFERENCES CONSUMERS (CONSUMERID) ,

FOREIGN KEY (OFFERSTATUSID) REFERENCES STATUS (OFFERSTATUSID)

)

CREATE TABLE ADDRESS

( ADDRESSID NUMBER(10) NOT NULL ,

ADDRESSTYPEID NUMBER(10),

CONSUMERID NUMBER(10),

LINE1 VARCHAR2(20 ),

LINE2 VARCHAR2(20 ),

LINE3 VARCHAR2(20 ),

CITY VARCHAR2(20 ),

ZIPPOSTALCODE NUMBER(5,0),

STATEPROVINCECOUNTY VARCHAR2(20 ),

COUNTRY VARCHAR2(20 ),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

PRIMARY KEY (ADDRESSID)

,

FOREIGN KEY (ADDRESSTYPEID)

REFERENCES ADDRESSTYPE (ADDRESSTYPEID) ,

FOREIGN KEY (CONSUMERID)

REFERENCES CONSUMERS (CONSUMERID)

)

CREATE TABLE SUPPLIER

( SUPPLIERID NUMBER(10) NOT NULL ,

DOMAIN VARCHAR2(10 ),

SUPPLIERTYPE VARCHAR2(10 ),

NAME VARCHAR2(100 ),

PRIORITY CHAR(1 ),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

ISACTIVE CHAR(1 ),

PRIMARY KEY (SUPPLIERID)

)

CREATE TABLE PRODUCT

( PRODUCTID NUMBER(10) NOT NULL ,

MANUFACTURER VARCHAR2(20 ),

UPC VARCHAR2(20 ),

EAN VARCHAR2(20 ),

GTIN VARCHAR2(20 ),

NAME VARCHAR2(100 ),

DESCRIPTION VARCHAR2(20 ),

UOM VARCHAR2(10 ),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) NOT NULL ,

ISACTIVE CHAR(1 ),

PRIMARY KEY (PRODUCTID)

)

CREATE TABLE OFFERMATCH

( OFFERMATCHID NUMBER(10) NOT NULL ,

CONSUMEROFFERID NUMBER(10),

SUPPLIEROFFERID NUMBER(10),

QUANTITY NUMBER(10,0),

OFFERSTATUSID NUMBER(10),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

PRIMARY KEY (OFFERMATCHID)

,

FOREIGN KEY (OFFERSTATUSID)

REFERENCES STATUS (OFFERSTATUSID) ,

FOREIGN KEY (CONSUMEROFFERID)

REFERENCES CONSUMEROFFER (CONSUMEROFFERID) ,

FOREIGN KEY (SUPPLIEROFFERID)

REFERENCES SUPPLIEROFFER (SUPPLIEROFFERID)

)

CREATE TABLE STATUS

( OFFERSTATUSID NUMBER(10) NOT NULL ,

STATUS CHAR(1 ),

DESCRIPTION VARCHAR2(20 ),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

PRIMARY KEY (OFFERSTATUSID)

)

CREATE TABLE ADDRESSTYPE

( ADDRESSTYPEID NUMBER(10) NOT NULL ,

NAME VARCHAR2(100 ),

PRIMARY KEY (ADDRESSTYPEID)

)

CREATE TABLE SUPPLIERPRODUCT

( SUPPLIERPRODUCTID NUMBER(10) NOT NULL ,

SUPPLIERID NUMBER(10),

PRODUCTID NUMBER(10),

PRICE NUMBER(8,0),

SKU VARCHAR2(20 ),

PRIORITY CHAR(1 ),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

ISACTIVE CHAR(1 ),

PRIMARY KEY (SUPPLIERPRODUCTID)

,

FOREIGN KEY (SUPPLIERID)

REFERENCES SUPPLIER (SUPPLIERID) ,

FOREIGN KEY (PRODUCTID)

REFERENCES PRODUCT (PRODUCTID)

)

CREATE TABLE SUPPLIERPRODUCT

( SUPPLIERPRODUCTID NUMBER(10) NOT NULL ,

SUPPLIERID NUMBER(10),

PRODUCTID NUMBER(10),

PRICE NUMBER(8,0),

SKU VARCHAR2(20 ),

PRIORITY CHAR(1 ),

CREATEDTIME TIMESTAMP ,

CREATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

UPDATEDTIME TIMESTAMP ,

UPDATEDBY VARCHAR2(20 ) DEFAULT USER NOT NULL ,

ISACTIVE CHAR(1 ),

PRIMARY KEY (SUPPLIERPRODUCTID)

,

FOREIGN KEY (SUPPLIERID)

REFERENCES SUPPLIER (SUPPLIERID) ,

FOREIGN KEY (PRODUCTID)

REFERENCES PRODUCT (PRODUCTID)

)