Diagram:	Demasy Labs	Point Of Sale
Author:	demasy
Created on:	2019-10-06 13:31:08 UTC
Modified on:	2019-10-07 06:06:07 UTC
Modified by:	demasy
Design:	DEMASY_LABS
Model:	Demasy Labs	Point Of Sale

Demasy Labs| Oracle database sample schema created for training purpose by Ahmed El-Demasy

https://github.com/demasylabs

DL.POS_PRODUCT_CATEGORIES

	Column	Type
P	* CATEGORY_ID	NUMBER (15)
U	* SHORT_NAME	VARCHAR2 (30 CHAR)
U	* NAME	VARCHAR2 (200 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PPC_CATEGORY_ID_PK (CATEGORY_ID)
PPC_SHORT_NAME_UN (SHORT_NAME)
PPC_NAME_UN (NAME)

DL.POS_PRODUCT_SUB_CATEGORIES

	Column	Type
P	* SUB_CATEGORY_ID	NUMBER (15)
F	* CATEGORY_ID	NUMBER (15)
U	* SHORT_NAME	VARCHAR2 (30 CHAR)
U	* NAME	VARCHAR2 (200 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PPSC_SUB_CATEGORY_ID_PK (SUB_CATEGORY_ID)
PPSC_SHORT_NAME_UN (SHORT_NAME)
PPSC_NAME_UN (NAME)
PPSC_CATEGORY_ID_FK (CATEGORY_ID)

DL.POS_PRODUCTS

	Column	Type
P	* PRODUCT_ID	NUMBER (15)
F	* SUB_CATEGORY_ID	NUMBER (15)
U	* PRODUCT_CODE	VARCHAR2 (30 CHAR)
U	* PRODUCT_NAME	VARCHAR2 (200 CHAR)
	SHORT_DESCRIPTION	VARCHAR2 (2000 CHAR)
	LONG_DESCRIPTION	VARCHAR2 (4000 CHAR)
	* MANUFACTURER	VARCHAR2 (30 CHAR)
U	BAR_CODE	VARCHAR2 (30 CHAR)
U	REFERENCE_NUMBER	VARCHAR2 (30 CHAR)
	* PRICE	NUMBER (7,3)
	* CURRENCY_CODE	VARCHAR2 (30 CHAR)
	CAPACITY	NUMBER
	LENGTH	NUMBER
	HEIGHT	NUMBER
	WIDTH	NUMBER
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PP_PRODUCT_ID_PK (PRODUCT_ID)
PP_PRODUCT_CODE_UN (PRODUCT_CODE)
PP_PRODUCT_NAME_UN (PRODUCT_NAME)
PP_BAR_CODE_UN (BAR_CODE)
PP_REFERENCE_NUMBER_UN (REFERENCE_NUMBER)
PP_SUB_CATEGORY_ID_FK (SUB_CATEGORY_ID)

DL.POS_PRODUCT_TRANSACTIONS

	Column	Type
P	* TRANSACTION_ID	NUMBER (15)
F	* WAREHOUSE_ID	NUMBER (15)
F	* PRODUCT_ID	NUMBER
U	* TRX_NUMBER	VARCHAR2 (100 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	* TYPE	VARCHAR2 (1 CHAR)
	QUANTITY	NUMBER (7)
	CANCEL_FLAG	VARCHAR2 (1 CHAR)
	CANCELED_BY	NUMBER
	CANCEL_REASON	VARCHAR2 (1000 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PPT_TRANSACTION_ID_PK (TRANSACTION_ID)
PPT_TRX_NUMBER_UN (TRX_NUMBER)
PPT_WAREHOUSE_ID_FK (WAREHOUSE_ID)
PPT_PRODUCT_ID_FK (PRODUCT_ID)

DL.POS_PAYMENT_METHODS

	Column	Type
P	* METHOD_ID	NUMBER
	SHORT_NAME	VARCHAR2 (30 CHAR)
	* METHOD_NAME	VARCHAR2 (100 CHAR)
	METHOD_TYPE	VARCHAR2 (1 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	CASH_FLAG	VARCHAR2 (1 CHAR)
	DEFAULT_FLAG	VARCHAR2 (1 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	HOLD_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PPM_METHOD_ID_PK (METHOD_ID)

DL.POS_PRODUCTS_PROMO_DETAILS

	Column	Type
P	* PROMO_DETAIL_ID	NUMBER
F	* PRODUCT_ID	NUMBER
F	* PROMOTION_ID	NUMBER (15)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

DPPPD_PROMO_DETAIL_ID_PK (PROMO_DETAIL_ID)
DPPPD_PROMOTION_ID_FK (PROMOTION_ID)
DPPPD_PRODUCT_ID_FK (PRODUCT_ID)

DL.POS_PRODUCTS_PROMOTIONS

	Column	Type
P	* PROMOTION_ID	NUMBER (15)
	* PROMO_CODE	VARCHAR2 (60 CHAR)
	* NAME	VARCHAR2 (200 CHAR)
	DESCRIPTION	VARCHAR2 (2000 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PPP_PROMOTION_ID_PK (PROMOTION_ID)

DL.POS_ORDER_LINES

	Column	Type
P	* ORDER_LINE_ID	NUMBER (15)
F	* ORDER_ID	NUMBER (15)
	* LINE_NUM	NUMBER (2)
	* LINE_TYPE	VARCHAR2 (1 CHAR)
F	* PRODUCT_ID	NUMBER
	SERVICE_ID	NUMBER
	PRICE	NUMBER (7,3)
	QUANTITY	NUMBER (7)
	AMOUNT	NUMBER (7,3)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	CANCEL_FLAG	VARCHAR2 (1 CHAR)
	CANCELED_BY	NUMBER
	CANCEL_REASON	VARCHAR2 (1000 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

POL_ORDER_LINE_ID_PK (ORDER_LINE_ID)
POL_ORDER_ID_FK (ORDER_ID)
POL_PRODUCT_ID_FK (PRODUCT_ID)

DL.POS_WAREHOUSES

	Column	Type
P	* WAREHOUSE_ID	NUMBER (15)
F	* BRANCH_ID	NUMBER (10)
	PARENT_ID	NUMBER (10)
U	* SHORT_NAME	VARCHAR2 (30 CHAR)
U	* NAME	VARCHAR2 (200 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PW_WAREHOUSE_ID_PK (WAREHOUSE_ID)
PW_SHORT_NAME_UN (SHORT_NAME)
PW_NAME_UN (NAME)
PW_BRANCH_ID_FK (BRANCH_ID)

DL.POS_PAYMENTS

	Column	Type
P	* PAYMENT_ID	NUMBER
F	* PAY_METHOD_ID	NUMBER
F	* INVOICE_ID	NUMBER (15)
	* PAYMENT_TYPE	VARCHAR2 (1 CHAR)
	* PAYMENT_NUMBER	VARCHAR2 (30 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	PAYMENT_DATE	DATE
	* PAYMENT_CURRENCY	VARCHAR2 (3 CHAR)
	* AMOUNT	NUMBER (7,3)
	* STATUS	VARCHAR2 (1 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	VARCHAR2 (60 CHAR)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	VARCHAR2 (60 CHAR)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

DPP_PAYMENT_ID_PK (PAYMENT_ID)
DPP_PAY_METHOD_ID_FK (PAY_METHOD_ID)
DPP_INVOICE_ID_FK (INVOICE_ID)

DL.POS_INVOICES

	Column	Type
P	* INVOICE_ID	NUMBER (15)
F	* ORDER_ID	NUMBER (15)
F	PROMOTION_ID	NUMBER (15)
U	* INVOICE_NUMBER	VARCHAR2 (30 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	* AMOUNT	NUMBER (7,3)
	* CURRANCY_CODE	VARCHAR2 (3 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PI_INVOICE_ID_PK (INVOICE_ID)
PI_NUMBER_UN (INVOICE_NUMBER)
PI_ORDER_ID_FK (ORDER_ID)
PI_PROMOTION_ID_FK (PROMOTION_ID)

DL.POS_ORDERS

	Column	Type
P	* ORDER_ID	NUMBER (15)
F	* BRANCH_ID	NUMBER (10)
F	* CASHIER_ID	NUMBER (15)
F	* CUSTOMER_ID	NUMBER (15)
	* ORDER_TYPE	VARCHAR2 (1 CHAR)
U	* ORDER_NUMBER	VARCHAR2 (30 CHAR)
	* ORDER_DATE	DATE
	* STATUS	VARCHAR2 (30 CHAR)
	DESCRIPTION	VARCHAR2 (2000 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	HOLD_FLAG	VARCHAR2 (1 CHAR)
	GIFTWRAP_FLAG	VARCHAR2 (1 CHAR)
	GIFTWRAP_MESSAGE	VARCHAR2 (2000 CHAR)
	START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PO_ORDER_ID_PK (ORDER_ID)
PO_NUMBER_UN (ORDER_NUMBER)
PO_CUSTOMER_ID_FK (CUSTOMER_ID)
PO_BRANCH_ID_FK (BRANCH_ID)
PO_CASHIER_ID_FK (CASHIER_ID)

DL.POS_STORE_BRANCHS

	Column	Type
P	* BRANCH_ID	NUMBER (10)
F	* STORE_ID	NUMBER (15)
U	* SHORT_NAME	VARCHAR2 (50 CHAR)
U	* NAME	VARCHAR2 (100 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	PARENT_ID	NUMBER (10)
	MANAGER_ID	NUMBER (10)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PSB_BRANCH_ID_PK (BRANCH_ID)
PSB_SHORT_NAME_UN (SHORT_NAME)
PSB_NAME_UN (NAME)
PSB_STORE_ID_FK (STORE_ID)

DL.POS_STORES

	Column	Type
P	* STORE_ID	NUMBER (15)
	* COUNTRY_CODE	VARCHAR2 (3 CHAR)
U	* SHORT_NAME	VARCHAR2 (30 CHAR)
U	* NAME	VARCHAR2 (200 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PS_STORE_ID_PK (STORE_ID)
PS_SHORT_NAME_UN (SHORT_NAME)
PS_NAME_UN (NAME)

DL.POS_CASHIERS

	Column	Type
P	* CASHIER_ID	NUMBER (15)
F	* PARTIY_ID	NUMBER (15)
U	CASHIER_NUMBER	NUMBER
	* CASHIER_TYPE	VARCHAR2 (1 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
U	LOGIN_USER	VARCHAR2 (20 CHAR)
	LOGIN_PASSWORD	VARCHAR2 (100 CHAR)
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	HOLD_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PCA_CASHIER_ID_PK (CASHIER_ID)
PCA_CASHIER_NUMBER_UN (CASHIER_NUMBER)
PCA_LOGIN_USER_UN (LOGIN_USER)
PCA_PARTIY_ID_FK (PARTIY_ID)

DL.POS_PARTIES

	Column	Type
P	* PARTIY_ID	NUMBER (15)
	* PARTY_TYPE	VARCHAR2 (1 CHAR)
	* PARTY_NUMBER	VARCHAR2 (30 BYTE)
	* PARTY_NAME	VARCHAR2 (360 CHAR)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	PERSON_TITLE	VARCHAR2 (3 CHAR)
	PERSON_FIRST_NAME	VARCHAR2 (100 CHAR)
	PERSON_MIDDLE_NAME	VARCHAR2 (100 CHAR)
	PERSON_LAST_NAME	VARCHAR2 (100 CHAR)
	PERSON_NICE_NAME	VARCHAR2 (100 CHAR)
	PERSON_GENDER	VARCHAR2 (1 CHAR)
	PERSON_MARITAL_STATUS	VARCHAR2 (1 CHAR)
	DATE_OF_BIRTH	DATE
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	HOLD_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	* CREATED_BY	NUMBER (10)
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

DPP_PARTIY_ID_PK (PARTIY_ID)

DL.POS_CUSTOMERS

	Column	Type
P	* CUSTOMER_ID	NUMBER (15)
F	* PARTIY_ID	NUMBER (15)
U	* CUSTOMER_NUMBER	VARCHAR2 (30 BYTE)
	DESCRIPTION	VARCHAR2 (4000 CHAR)
	REGISTERED_DATE	DATE
	* ENABLED_FLAG	VARCHAR2 (1 CHAR)
	HOLD_FLAG	VARCHAR2 (1 CHAR)
	* START_DATE	DATE
	END_DATE	DATE
	GENDER	VARCHAR2 (1 CHAR)
	IDENTIFIER_TYPE	VARCHAR2 (1 CHAR)
	IDENTIFIER_NUMBER	VARCHAR2 (100 CHAR)
U	* MOBILE_NUMBER	VARCHAR2 (30 CHAR)
	PHONE_NUMBER	VARCHAR2 (30 CHAR)
	ADDRESS	VARCHAR2 (200 CHAR)
	CREDIT_LIMIT	NUMBER (13,2)
	CHILDREN_UNDER_18	VARCHAR2 (1 CHAR)
U	LOGIN_USER	VARCHAR2 (20 CHAR)
	LOGIN_PASSWORD	VARCHAR2 (30 CHAR)
	* CREATED_BY	NUMBER
	* CREATION_DATE	DATE
	* LAST_UPDATED_BY	NUMBER (10)
	* LAST_UPDATE_DATE	DATE
	* OBJECT_VERSION_ID	NUMBER

PC_CUSTOMER_ID_PK (CUSTOMER_ID)
PC_CUSTOMER_NUMBER_UN (CUSTOMER_NUMBER)
PC_MOBILE_NUMBER_UN (MOBILE_NUMBER)
PC_LOGIN_USER_UN (LOGIN_USER)
PC_PARTIY_ID_FK (PARTIY_ID)