| Diagram: | Demasy Labs | Point Of Sale |
|---|---|
| Author: | demasy |
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| Modified by: | demasy |
| Design: | DL_POS_SaaS |
| 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_STORES

| | | |
|---|---|---|
| P | * STORE_ID | NUMBER |
| | * COUNTRY_CODE | VARCHAR2 (3 CHAR) |
| U | * SHORT_NAME | VARCHAR2 (50 CHAR) |
| U | * NAME | VARCHAR2 (100 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | * CREATED_BY | NUMBER |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * 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_STORE_BRANCHS

| | | |
|---|---|---|
| P | * BRANCH_ID | NUMBER |
| F | * STORE_ID | NUMBER |
| | BRANCH_PARENT_ID | NUMBER |
| U | * SHORT_NAME | VARCHAR2 (50 CHAR) |
| U | * NAME | VARCHAR2 (100 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | MANAGER_ID | NUMBER |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | * CREATED_BY | NUMBER |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * 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_WAREHOUSES

| | | |
|---|---|---|
| P | * WAREHOUSE_ID | NUMBER |
| F | * BRANCH_ID | NUMBER |
| | WAREHOUSE_PARENT_ID | NUMBER |
| U | * SHORT_NAME | VARCHAR2 (30 CHAR) |
| U | * NAME | VARCHAR2 (100 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | ORGANIZATION_ID | NUMBER |
| | * CREATED_BY | NUMBER |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * 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_CUSTOMERS

| | | |
|---|---|---|
| P | * CUSTOMER_ID | NUMBER |
| F | * PARTIY_ID | NUMBER |
| U | * CUSTOMER_NUMBER | VARCHAR2 (30 BYTE) |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | REGISTERED_DATE | DATE |
| | * LINKED_CUSTOMER_ID | NUMBER |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | HOLD_FLAG | VARCHAR2 (1 CHAR) |
| | 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 |
| | 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 |
| | * 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)

## DL.POS_PAYMENTS

| | | |
|---|---|---|
| P | * PAYMENT_ID | NUMBER |
| F | * METHOD_ID | NUMBER |
| F | * INVOICE_ID | NUMBER |
| | * PAYMENT_TYPE | VARCHAR2 (1 CHAR) |
| | * PAYMENT_NUMBER | VARCHAR2 (30 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | * PAYMENT_DATE | DATE |
| | * PAYMENT_CURRANCY | VARCHAR2 (3 CHAR) |
| | * AMOUNT | NUMBER |
| | * STATUS | VARCHAR2 (1 CHAR) |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | * CREATED_BY | VARCHAR2 (60 CHAR) |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | VARCHAR2 (60 CHAR) |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

PP_PAYMENT_ID_PK (PAYMENT_ID)
PP_METHOD_ID_FK (METHOD_ID)
PP_INVOICE_ID_FK (INVOICE_ID)

## DL.POS_ORDER_LINES

| | | |
|---|---|---|
| P | * ORDER_LINE_ID | NUMBER |
| F | * ORDER_ID | NUMBER |
| | * LINE_NUM | NUMBER |
| | * LINE_TYPE | VARCHAR2 (1 CHAR) |
| | ORGANIZATION_ID | NUMBER |
| | INVENTORY_ITEM_ID | NUMBER |
| | PRICE | NUMBER |
| | QUANTITY | NUMBER |
| | AMOUNT | NUMBER |
| | 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 |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

POL_ORDER_LINE_ID_PK (ORDER_LINE_ID)
POL_ORDER_ID_FK (ORDER_ID)

## DL.POS_ORDERS

| | | |
|---|---|---|
| P | * ORDER_ID | NUMBER |
| F | * BRANCH_ID | NUMBER (10) |
| F | * WAREHOUSE_ID | NUMBER |
| F | * CASHIER_ID | NUMBER |
| F | * CUSTOMER_ID | NUMBER |
| | * ORDER_TYPE | VARCHAR2 (1 CHAR) |
| U | * ORDER_NUMBER | VARCHAR2 (30 CHAR) |
| | * ORDER_DATE | DATE |
| | * STATUS | VARCHAR2 (30 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 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 |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

PO_ORDER_ID_PK (ORDER_ID)
PO_ORDER_NUMBER_UN (ORDER_NUMBER)
PO_CUSTOMER_ID_FK (CUSTOMER_ID)
PO_BRANCH_ID_FK (BRANCH_ID)
PO_CASHIER_ID_FK (CASHIER_ID)
PO_WAREHOUSE_ID_FK (WAREHOUSE_ID)

## DL.POS_PARTIES

| | | |
|---|---|---|
| P | * PARTIY_ID | NUMBER |
| | * PARTY_TYPE | VARCHAR2 (1 CHAR) |
| | * PARTY_NUMBER | VARCHAR2 (30 BYTE) |
| | * PARTY_NAME | VARCHAR2 (360 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | 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 |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | HOLD_FLAG | VARCHAR2 (1 CHAR) |
| | * CREATED_BY | NUMBER |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

PPS_PARTIY_ID_PK (PARTIY_ID)

## DL.POS_PAYMENT_METHODS

| | | |
|---|---|---|
| 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 |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

PPM_METHOD_ID_PK (METHOD_ID)

## DL.POS_INVOICES

| | | |
|---|---|---|
| P | * INVOICE_ID | NUMBER |
| F | * ORDER_ID | NUMBER |
| | PROMOTION_ID | NUMBER |
| U | * INVOICE_NUMBER | VARCHAR2 (30 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 CHAR) |
| | * AMOUNT | NUMBER |
| | * CURRANCY_CODE | VARCHAR2 (3 CHAR) |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * CREATED_BY | NUMBER |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

PI_INVOICE_ID_PK (INVOICE_ID)
PI_INVOICE_NUMBER_UN (INVOICE_NUMBER)
PI_ORDER_ID_FK (ORDER_ID)

## DL.POS_ORDER_TRANSFERS_ALL

| | | |
|---|---|---|
| P | * TRX_ID | NUMBER |
| F | * BATCH_ID | NUMBER |
| F | * ORDER_ID | NUMBER |
| | TRX_DATE | DATE |
| | STATUS | VARCHAR2 (10 CHAR) |
| | POSTED_DATE | DATE |
| | LINKED_INVOICE_ID | NUMBER |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | * CREATED_BY | VARCHAR2 (60 CHAR) |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | VARCHAR2 (60 CHAR) |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

POTA_TRX_ID_PK (TRX_ID)
POTA_BATCH_ID_FK (BATCH_ID)
POTA_ORDER_ID_FK (ORDER_ID)

## DL.POS_CASHIERS

| | | |
|---|---|---|
| P | * CASHIER_ID | NUMBER |
| F | * PARTIY_ID | NUMBER |
| U | * CASHIER_NUMBER | NUMBER |
| | * CASHIER_TYPE | VARCHAR2 (1 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 CHAR) |
| U | * LOGIN_USER | VARCHAR2 (20 CHAR) |
| | LOGIN_PASSWORD | VARCHAR2 (100 CHAR) |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | HOLD_FLAG | VARCHAR2 (1 CHAR) |
| | * EMPLOYEE_ID | NUMBER |
| | * CREATED_BY | NUMBER |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | NUMBER |
| | * 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_ORDER_TRANSFER_ERRORS

| | | |
|---|---|---|
| P | * ERROR_ID | NUMBER |
| F | * TRX_ID | NUMBER |
| | ERROR_TYPE | VARCHAR2 (30 CHAR) |
| | ERROR_CODE | VARCHAR2 (100 CHAR) |
| | ERROR_MESSAGE | VARCHAR2 (2000 BYTE) |
| | ERROR_DATA | CLOB |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | * CREATED_BY | VARCHAR2 (60 CHAR) |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | VARCHAR2 (60 CHAR) |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

POTE_TRANSFER_ERROR_ID_PK (ERROR_ID)
POTE_TRX_ID_FK (TRX_ID)

## DL.POS_ORDER_TRANSFER_BATCH

| | | |
|---|---|---|
| P | * BATCH_ID | NUMBER |
| | BATCH_DATE | DATE |
| | * BATCH_NUMBER | VARCHAR2 (100 CHAR) |
| | DESCRIPTION | VARCHAR2 (4000 BYTE) |
| | POSTED_DATE | DATE |
| | POSTED_BY | NUMBER |
| | * START_DATE | DATE |
| | END_DATE | DATE |
| | * ENABLED_FLAG | VARCHAR2 (1 CHAR) |
| | * CREATED_BY | VARCHAR2 (60 CHAR) |
| | * CREATION_DATE | DATE |
| | * LAST_UPDATED_BY | VARCHAR2 (60 CHAR) |
| | * LAST_UPDATE_DATE | DATE |
| | * OBJECT_VERSION_ID | NUMBER |

POTB_BATCH_ID_PK (BATCH_ID)