NAMA : DINI PUSPITA SUKMA ARIYANTI  
KODE PESERTA : FSDO002ONL014  
TUGAS : ASSIGNMENT 2

1. Customers => stores data customer

**QUERY :**

CREATE TABLE CUSTOMERS (

CUSTOMERNUMBER INT PRIMARY KEY,

CUSTOMERNAME VARCHAR(100) NULL,

CONTACTLASTNAME VARCHAR(100) NULL,

CONTACTFIRSTNAME VARCHAR (100) NULL,

PHONE VARCHAR(15) NULL,

ADDRESSLINE1 VARCHAR(100) NULL,

ADDRESSLINE2 VARCHAR(100) NULL,

CITY VARCHAR(50) NULL,

STATES VARCHAR(50) NULL,

POSTALCODE VARCHAR(10) NULL,

COUNTRY VARCHAR(50) NULL,

SALESREPEMPLOYEENUMBER INT NULL,

CREDITLIMIT FLOAT NULL,

FOREIGN KEY (SALESREPEMPLOYEENUMBER) REFERENCES EMPLOYEE(EMPLOYEENUMBER))

**QUERY (INSERT DATA CUSTOMER):**

INSERT INTO CUSTOMERS(CUSTOMERNUMBER, CUSTOMERNAME, CONTACTLASTNAME, CONTACTFIRSTNAME, PHONE, ADDRESSLINE1, ADDRESSLINE2, CITY, STATES, POSTALCODE, COUNTRY, SALESREPEMPLOYEENUMBER, CREDITLIMIT)

VALUES (1, 'ALAN LAN', 'LAN', 'ALAN', '0123456789', 'KOPO', 'CIBADUYUT', 'BANDUNG', 'JAWA BARAT', '40228', 'INDONESIA', 1, 10000),

(2, 'BIBI BI', 'BI', 'BIBI', '0111111', 'KOPO', 'CIBADUYUT', 'BANDUNG', 'JAWA BARAT', '40228', 'INDONESIA', 1, 10000),

(3, 'CUCU CU', 'CU', 'CUCU', '0222222', 'KOPO', 'CIBADUYUT', 'BANDUNG', 'JAWA BARAT','40228', 'INDONESIA', 2, 50000),

(4, 'DODO DO', 'DO', 'DODO', '0133333', 'SUDIRMAN', 'SLIPI', 'JAKARTA', 'DKI JAKARTA','10110', 'INDONESIA', 3, 100000),

(5, 'ELA LA', 'LA', 'ELA', '0444444', 'DAGO', 'SETIABUDI', 'BANDUNG', 'JAWA BARAT','40228', 'INDONESIA', 2, 30000),

(6, 'FAFI FU', 'FU', 'FAFI', '05555555', 'KUNINGAN', 'CEMPAKA PUTIH', 'JAKARTA', 'DKI JAKARTA','10110', 'INDONESIA', 3, 20000),

(7, 'GUGU GAGA', 'GAGA', 'GUGU', '0166666', 'SUDIRMAN', NULL , 'JAKARTA', 'DKI JAKARTA','10110', 'INDONESIA', 3, 50000),

(8, 'HAHA HIHI', 'HAHA', 'HIHI', '0777777', 'KUNINGAN', NULL , 'JAKARTA', 'DKI JAKARTA','10110', 'INDONESIA', 4, 150000),

(9, 'INI ITU', 'ITU', 'INI', '0888888', 'SULTAN AGUNG', NULL , 'JAKARTA', 'DKI JAKARTA','10110', 'INDONESIA', 4, 60000),

(10, 'JOJO MOJO', 'MOJO', 'JOJO', '099999', 'LEMBANG', NULL , 'BANDUNG', 'JAWA BARAT','40228', 'INDONESIA', 5, 200000)

**SCREENSHOT:**

A screenshot of a computer

Description automatically generated

1. Products => stores daftar/list model product ( dalam hal ini bisa mobil/motor dll )

**QUERY:**CREATE TABLE PRODUCTS (

PRODUCTCODE INT PRIMARY KEY,

PRODUCTNAME VARCHAR(100) NULL,

PRODUCTLINE INT NULL,

PRODUCTSCALE VARCHAR (100) NULL,

PRODUCTVENDOR VARCHAR(100) NULL,

PRODUCTDESCRIPTION VARCHAR(100) NULL,

QUANTITYINSTOCK FLOAT NULL,

BUYPRICE FLOAT NULL,

MSRP FLOAT NULL,

FOREIGN KEY (PRODUCTLINE) REFERENCES PRODUCTLINES(PRODUCTLINE))

**QUERY (INSERT DATA PRODUCT):**INSERT INTO PRODUCTS(PRODUCTCODE, PRODUCTNAME, PRODUCTLINE, PRODUCTSCALE,

PRODUCTVENDOR, PRODUCTDESCRIPTION, QUANTITYINSTOCK, BUYPRICE, MSRP)

VALUES(1, 'BRIO', 'MOBIL', 'AAAA', 'HONDA', 'ZZZZ', 5, 1500, 1000),

(2, 'CIVIC', 'MOBIL', 'AAAA', 'HONDA', 'ZZZZ', 3, 1300, 1000),

(3, 'MIO', 'MOTOR', 'BBBB', 'YAMAHA', 'XXXXX', 8, 200, 200),

(4, 'NMAX', 'MOTOR', 'BBBB', 'YAMAHA', 'XXXXX', 4, 700, 500),

(5, 'AEROX', 'MOTOR', 'BBBB', 'YAMAHA', 'XXXX', 2, 700, 500)

**SCREENSHOT:**A picture containing calendar

Description automatically generated

1. Productlines => stores daftar/list kategori product

**QUERY:**CREATE TABLE PRODUCTLINES (PRODUCTLINE INT PRIMARY KEY,

TEXTDESCRIPTION VARCHAR(100) NULL,

HTMLDESCRIPTION VARCHAR(100) NULL, IMAGES VARBINARY NULL)

**QUERY (INSERT DATA PRODUCTLINES):**

INSERT INTO PRODUCTLINES(PRODUCTLINE, TEXTDESCRIPTION, HTMLDESCRIPTION, IMAGES)

VALUES (1, 'MOBIL\_1', 'MOBIL\_1', NULL),

(2, 'MOBIL\_2', 'MOBIL\_2', NULL),

(3, 'MOTOR\_1', 'MOTOR\_1', NULL),

(4, 'MOTOR\_2', 'MOTOR\_2', NULL),

(5, 'MOTOR\_3', 'MOTOR\_3', NULL)

**SCREENSHOT:**

Text

Description automatically generated with medium confidence

1. Orders => store Order Sales oleh customer

**QUERY:**CREATE TABLE ORDERS (

ORDERNUMBER INT PRIMARY KEY,

ORDERDATE DATE NULL,

REQUIREDDATE DATE NULL,

SHIPPEDDATE DATE NULL,

STATUSORDER VARCHAR(100) NULL,

COMMENTS VARCHAR(100) NULL,

CUSTOMERNUMBER INT,

FOREIGN KEY (CUSTOMERNUMBER) REFERENCES CUSTOMERS(CUSTOMERNUMBER))

**QUERY (INSERT DATA ORDERS):**

INSERT INTO ORDERS(ORDERNUMBER,ORDERDATE, REQUIREDDATE, SHIPPEDDATE, STATUSORDER, COMMENTS, CUSTOMERNUMBER)

VALUES (1, '2020-10-13', '2020-10-25', '2020-10-20', 'IN PROGRESS', 'AAAA', 1), (2, '2020-12-30', '2021-01-25', '2021-01-05', 'WAITING', 'BBBBB', 7),

(3, '2020-10-10', '2020-10-25', '2020-10-20', 'IN PROGRESS', 'CCCC', 4),

(4, '2020-10-10', '2020-10-25', '2020-10-20', 'IN PROGRESS', 'DDDDD', 2),

(5, '2020-12-11', '2020-12-30', '2020-10-15', 'WAITING', 'VVVVVV', 5),

(6, '2020-10-13', '2020-10-25', '2020-10-20', 'WAITING', 'LLLLLL', 1),

(7, '2019-01-01', '2020-01-10', '2020-01-05', 'DELIVERED', 'PPPPP', 9),

(8, '2019-01-01', '2020-01-10', '2020-01-05', 'DELIVERED', 'RRRRR', 9)

**SCREENSHOT:**

Graphical user interface

Description automatically generated with medium confidence

1. OrderDetails => store Item Order sales dalam setiap order sales

**QUERY:**CREATE TABLE ORDERDETAILS (

ORDERNUMBER INT,

PRODUCTCODE INT,

QUANTITYORDERED FLOAT,

PRICEEACH FLOAT,

ORDERLINENUMBER INT,

FOREIGN KEY (ORDERNUMBER) REFERENCES ORDERS(ORDERNUMBER),

FOREIGN KEY (PRODUCTCODE) REFERENCES PRODUCTS(PRODUCTCODE))

**QUERY (INSERT ORDERDETAILS):**

INSERT INTO ORDERDETAILS(ORDERNUMBER, PRODUCTCODE, QUANTITYORDERED,

PRICEEACH, ORDERLINENUMBER)

VALUES(1, 1, 1, 1500, 1),

(2, 1, 1, 1500, 2),

(3, 3, 1, 200, 3),

(4, 3, 1, 200, 4),

(5, 5, 1, 700, 5),

(6, 2, 1, 1300, 6),

(7, 2, 1, 1300, 7),

(8, 4, 1, 700, 8)

**SCREENSHOT:**

Graphical user interface, text, application

Description automatically generated

1. Payments => store Pembayaran oleh customer sesuai dengan akun pembayaran

**QUERY:**CREATE TABLE PAYMENTS (

CUSTOMERNUMBER INT,

CHECKNUMBER INT PRIMARY KEY,

PAYMENTDATE DATE,

AMOUNT FLOAT,

FOREIGN KEY (CUSTOMERNUMBER) REFERENCES CUSTOMERS(CUSTOMERNUMBER))

**QUERY (INSERT DATA PAYMENTS):**

INSERT INTO PAYMENTS(CUSTOMERNUMBER, CHECKNUMBER, PAYMENTDATE, AMOUNT)

VALUES(1, 1, '2020-10-13', 1500),

(4, 2, '2020-10-11', 200),

(2, 3, '2020-10-11', 200),

(5, 4, '2020-12-11', 1300),

(9, 5, '2020-01-02', 2000)

**SCREENSHOT:**

Graphical user interface, text

Description automatically generated with medium confidence

1. Employee => store informasi karyawan dalam sebuah organisasi struktur

**QUERY:**

CREATE TABLE EMPLOYEE (

EMPLOYEENUMBER INT PRIMARY KEY,

LASTNAME VARCHAR(100) NULL,

FIRSTNAME VARCHAR (100) NULL,

EXTENSION VARCHAR(50) NULL,

EMAIL VARCHAR(100) NULL,

OFFICECODE INT NULL,

REPORTSTO VARCHAR(100) NULL,

JOBTITLE VARCHAR(100) NULL,

FOREIGN KEY (OFFICECODE) REFERENCES OFFICES(OFFICECODE))

**QUERY (INSERT DATA EMPLOYEE):**

INSERT INTO EMPLOYEE(EMPLOYEENUMBER, LASTNAME, FIRSTNAME,EXTENSION, EMAIL, OFFICECODE, REPORTSTO, JOBTITLE)

VALUES (1, 'ZU', 'ZUZU', 'ZZZZZ', 'Z@YAHOO.COM', 1, 'AAA', 'SALES'),

(2, 'YA', 'YAYA', 'YYYYY', 'Y@YAHOO.COM', 1, 'BBB', 'SALES'),

(3, 'XI', 'XIXI', 'XXXXX', 'X@YAHOO.COM', 2, 'CCC', 'SALES'),

(4, 'WO', 'WOWO', 'WWWWW', 'W@YAHOO.COM', 2, 'DDD', 'SALES'),

(5, 'VE', 'VEVE', 'VVVVV', 'V@YAHOO.COM', 3, 'EEE', 'SALES'),

(6, 'LA', 'ULALA', 'UUUUU', 'U@YAHOO.COM', 3, 'FFF', 'MANAGER'),

(7, 'TA', 'TATA', 'TTTTT', 'T@YAHOO.COM', 4, 'GGG', 'IT SUPPORT')

**SCREENSHOT:**

Text

Description automatically generated with low confidence

1. Offices => store data sales office

**QUERY:**

CREATE TABLE OFFICES(

OFFICECODE INT PRIMARY KEY,

PHONE VARCHAR(15) NULL,

ADDRESSLINE1 VARCHAR(100) NULL,

ADDRESSLINE2 VARCHAR(100) NULL,

CITY VARCHAR(50) NULL,

STATES VARCHAR(50) NULL,

POSTALCODE VARCHAR(10) NULL,

COUNTRY VARCHAR(50) NULL,

TERRITORY VARCHAR(50) NULL)

**QUERY (INSERT DATA OFFICES):**

INSERT INTO OFFICES(OFFICECODE, PHONE, ADDRESSLINE1,

ADDRESSLINE2, CITY, STATES, POSTALCODE, COUNTRY, TERRITORY)

VALUES (1, '0000001', 'KOPO', NULL, 'BANDUNG', 'JAWA BARAT', '40228', 'INDONESIA', 'A'),

(2, '0000002', 'CIBADUYUT', NULL, 'BANDUNG', 'JAWA BARAT', '40228', 'INDONESIA', 'B'),

(3, '0000003', 'KUNINGAN', NULL, 'JAKARTA', 'DKI JAKARTA', '10110', 'INDONESIA', 'C'),

(4, '0000004', 'LEMBANG', NULL, 'BANDUNG', 'JAWA BARAT', '40228', 'INDONESIA', 'D'),

(5, '0000005', 'SUDIRMAN', NULL, 'JAKARTA', 'DKI JAKARTA', '10110', 'INDONESIA', 'E')

**SCREENSHOT:**

A picture containing graphical user interface

Description automatically generated