**Nama : Hafizah Safira Kaurani**

**Kode Peserta : FSDO003ONL001**

**Assignment 2 (Office Database) - (menggunakan phpMyAdmin SQL)**

1. Customers => stores data customer

**SQL Query :**

create table customers (

customerNumber int primary key,

customerName varchar(125),

contactLastName varchar(50),

contactFirstName varchar(50),

phone int,

addressLine1 varchar(30),

addressLine2 varchar(30),

city varchar (25),

state varchar(25),

postalCode int,

country varchar(20),

employeeNumber int,

creditLimit int,

foreign key (employeeNumber) references employees (employeeNumber));

insert into customers values

('501','Sabri Alim','Sabri','Alim','83728378','Jl. Arjuna','Kebon Jeruk','Jakarta Barat','DKI Jakarta','38499','Indonesia','401','30000'),

('502','Rachmat Efendi','Rachmat','Efendi','87264849','Jl. Sudimara','Kemanggisan','Jakarta Barat','DKI Jakarta','38499','Indonesia','401','25000'),

('503','Saefudin Zuhri','Saefudin','Zuhri','82537388','Jl. Pelopor','Jagakarsa','Jakarta Selatan','DKI Jakarta','46837','Indonesia','402','12000');

('504','Nono','Nono','Nurohmat','81273849','Jl. Alpukat','Bintaro','Jakarta Selatan','DKI Jakarta','48297','Indonesia','403','16000');

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

**SQL Query:**

create table products (

productCode int primary key,

productName varchar(50),

productLine int,

productScale int,

productVendor varchar(50),

productDescription varchar(200),

quantityInStock int,

buyPrice int(20),

msrp int(20),

foreign key (productLine) references productlines (productLine));

insert into products values

('201','Kijang','101','4','astra','berkualitas','20','200000000','1600000'),

('202','Agya','101','5','astra','sporty','15','460000000','3500000'),

('203','Avanza','101','2','astra','simple','100','38000000','120000'),

('204','Jazz','102','3','honda','simple','250','300000000','6100000'),

('205','Pajero','105','5','mitsubishi','sporty','10','960000000','8000000');

3. Productlines => stores daftar/list kategori product

**SQL Query:**

create table productlines (

productLine int primary key,

textDescription varchar(100),

htmlDescription varchar(100),

image varchar(50));

insert into productlines values ('101','Toyota','toyota.html','kijang.jpg'),

('102','Honda','honda.html','honda.jpg'),

('103','Nissan','nissan.html','nissan.jpg'),

('104','Suzuki','suzuki.html','suzuki.jpg');

('105','Mitsubishi','mitsubishi.html','mitsubishi.jpg');

4. Orders => store Order Sales oleh customer

**SQL Query :**

create table orders (

orderNumber int primary key,

orderDate date,

requiredDate date,

shippedDate date,

status varchar(50),

comments varchar(100),

customerNumber int,

foreign key (customerNumber) references customers (customerNumber));

insert into orders values

('601','2022-03-24','2022-03-25','2022-04-12','bagus','kualitas oke','504'),

('602','2022-03-25','2022-03-31','2022-04-20','dimodifikasi','tampilan bagus','502'),

('603','2022-03-26','2022-03-28','2022-04-16','aman','bagus','502');

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

**SQL Query :**

create table orderdetails (

orderNumber int,

productCode int,

quantityOrdered int,

priceEach int(20),

orderLineNumber int,

foreign key (orderNumber) references orders (orderNumber));

alter table orderdetails add foreign key (productCode) references products(productCode);

insert into orderdetails values

('601','202','2','2000000','20'),

('602','205','1','6500000','22'),

('603','204','1','1400000','24');

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

**SQL Query :**

create table payments (

checkNumber int primary key,

customerNumber int,

paymentDate date,

amount int(20),

foreign key (customerNumber) references customers (customerNumber));

insert into payments values

('701','504','2022-04-26','2000000'),

('702','503','2022-04-28','3600000'),

('703','502','2022-04-30','6500000');

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

**SQL Query :**

create table employees (

employeeNumber int primary key,

firstName varchar(50),

lastName varchar(50),

email varchar(20),

officeCode int,

reportsTo varchar(100),

jobTitle varchar(50),

extension varchar(15),

foreign key (officeCode) references offices (officeCode));

insert into employees values

('401','Hafizah','Safira','fira@gmail.com','302','Direktur','Manajer','ada'),

('402','Devira','Asha','asha@gmail.com','302','Asisten','Manajer','tidak ada'),

('403','Galih','Briantoro','galih@gmail.com','301','Gudang','Asisten','ada'),

('404','Haikal','Ramadhan','haikal@gmail.com','303','Gudang','Asisten','tidak ada');

8. Offices => store data sales office

**SQL Query :**

create table offices(

officeCode int primary key,

cityOffice varchar (25),

phoneOffice int,

addressOffice1 varchar(30),

addressOffice2 varchar(30),

stateOffice varchar(25),

postal\_code int,

territory varchar(20),

countryOffice varchar(20));

insert into offices values

('301','Jakarta Barat','81239389','Jl.Sudirman','Kebon Jeruk','DKI Jakarta','48929','20 hektar','Indonesia'),

('302','Tangerang Selatan','82134896','Jl. Mangga','BSD','Banten','46573','10 hektar','Indonesia'),

('303','Jakarta Pusat','813748989','Jl.Prambanan','Senayan','DKI Jakarta','37493','10 hektar','Indonesia'),

('304','Bandung','812738378','Jl.Dago Atas','Dago','Jawa Barat','36487','25 hektar','Indonesia');