Here’s the SQL Query:  
  
CREATE DATABASE DDL;

CREATE TABLE JENIS\_LAYANAN (

    JL\_ID varchar(5)  NOT NULL,

    JL\_NAMA varchar(100)  NOT NULL,

    JL\_HARGA numeric(6,2)  NOT NULL,

    CONSTRAINT JENIS\_LAYANAN\_pk PRIMARY KEY (JL\_ID)

);

CREATE TABLE JENIS\_LAYANAN\_NOTA (

    JENIS\_LAYANAN\_JL\_ID varchar(5)  NOT NULL,

    NOTA\_N\_NO int  NOT NULL,

    CONSTRAINT JENIS\_LAYANAN\_NOTA\_pk PRIMARY KEY (JENIS\_LAYANAN\_JL\_ID,NOTA\_N\_NO)

);

CREATE TABLE KARYAWAN (

    K\_ID char(2)  NOT NULL,

    K\_NAMA varchar(100)  NOT NULL,

    K\_BAGIAN varchar(25)  NULL,

    K\_TGLMASUK date  NULL,

    K\_EMAIL varchar(100)  NOT NULL,

    K\_PASSWORD varchar(100)  NOT NULL,

    K\_Koordinator char(2)  NOT NULL,

    CONSTRAINT KARYAWAN\_pk PRIMARY KEY (K\_ID)

);

CREATE TABLE NOTA (

    N\_NO int  NOT NULL,

    N\_TGL\_MASUK date  NOT NULL,

    N\_TGLPERKIRAANSELESAI date  NOT NULL,

    N\_TGLSELESAI date  NULL,

    N\_TGLAMBIL timestamp  NULL,

    N\_STATUS varchar(10)  NOT NULL,

    N\_KODERAK varchar(3)  NULL,

    PELANGGAN\_P\_NO char(5)  NOT NULL,

    CONSTRAINT NOTA\_pk PRIMARY KEY (N\_NO)

);

CREATE TABLE NOTA\_KARYAWAN (

    NOTA\_N\_NO int  NOT NULL,

    KARYAWAN\_K\_ID char(2)  NOT NULL,

    CONSTRAINT NOTA\_KARYAWAN\_pk PRIMARY KEY (NOTA\_N\_NO,KARYAWAN\_K\_ID)

);

CREATE TABLE PAYMENT (

    B\_NO int  NOT NULL,

    B\_TOTALHARGA numeric(10,2)  NOT NULL,

    B\_TGLBAYAR date  NOT NULL,

    NOTA\_N\_NO int  NOT NULL,

    CONSTRAINT PAYMENT\_pk PRIMARY KEY (B\_NO)

);

CREATE TABLE PELANGGAN (

    P\_NO char(5)  NOT NULL,

    P\_NAMA varchar(60)  NOT NULL,

    P\_JENISKEL char(1)  NULL,

    P\_TEMPATLAHIR int  NULL,

    P\_TGLLAHIR date  NULL,

    P\_ALAMAT varchar(100)  NULL,

    P\_NOTELP varchar(15)  NULL,

    P\_TGLFATTAR int  NOT NULL,

    CONSTRAINT PELANGGAN\_pk PRIMARY KEY (P\_NO)

);

ALTER TABLE JENIS\_LAYANAN\_NOTA ADD CONSTRAINT JENIS\_LAYANAN\_NOTA\_JENIS\_LAYANAN FOREIGN KEY JENIS\_LAYANAN\_NOTA\_JENIS\_LAYANAN (JENIS\_LAYANAN\_JL\_ID)

    REFERENCES JENIS\_LAYANAN (JL\_ID);

ALTER TABLE JENIS\_LAYANAN\_NOTA ADD CONSTRAINT JENIS\_LAYANAN\_NOTA\_NOTA FOREIGN KEY JENIS\_LAYANAN\_NOTA\_NOTA (NOTA\_N\_NO)

    REFERENCES NOTA (N\_NO);

ALTER TABLE NOTA ADD CONSTRAINT MEMASUKKAN FOREIGN KEY MEMASUKKAN (PELANGGAN\_P\_NO)

    REFERENCES PELANGGAN (P\_NO);

ALTER TABLE KARYAWAN ADD CONSTRAINT MENGKOORDINIR FOREIGN KEY MENGKOORDINIR (K\_Koordinator)

    REFERENCES KARYAWAN (K\_ID);

ALTER TABLE NOTA\_KARYAWAN ADD CONSTRAINT NOTA\_KARYAWAN\_KARYAWAN FOREIGN KEY NOTA\_KARYAWAN\_KARYAWAN (KARYAWAN\_K\_ID)

    REFERENCES KARYAWAN (K\_ID);

ALTER TABLE NOTA\_KARYAWAN ADD CONSTRAINT NOTA\_KARYAWAN\_NOTA FOREIGN KEY NOTA\_KARYAWAN\_NOTA (NOTA\_N\_NO)

    REFERENCES NOTA (N\_NO);

ALTER TABLE PAYMENT ADD CONSTRAINT PAYMENT\_NOTA FOREIGN KEY PAYMENT\_NOTA (NOTA\_N\_NO)

    REFERENCES NOTA (N\_NO);

And here’s the Result:  
  
