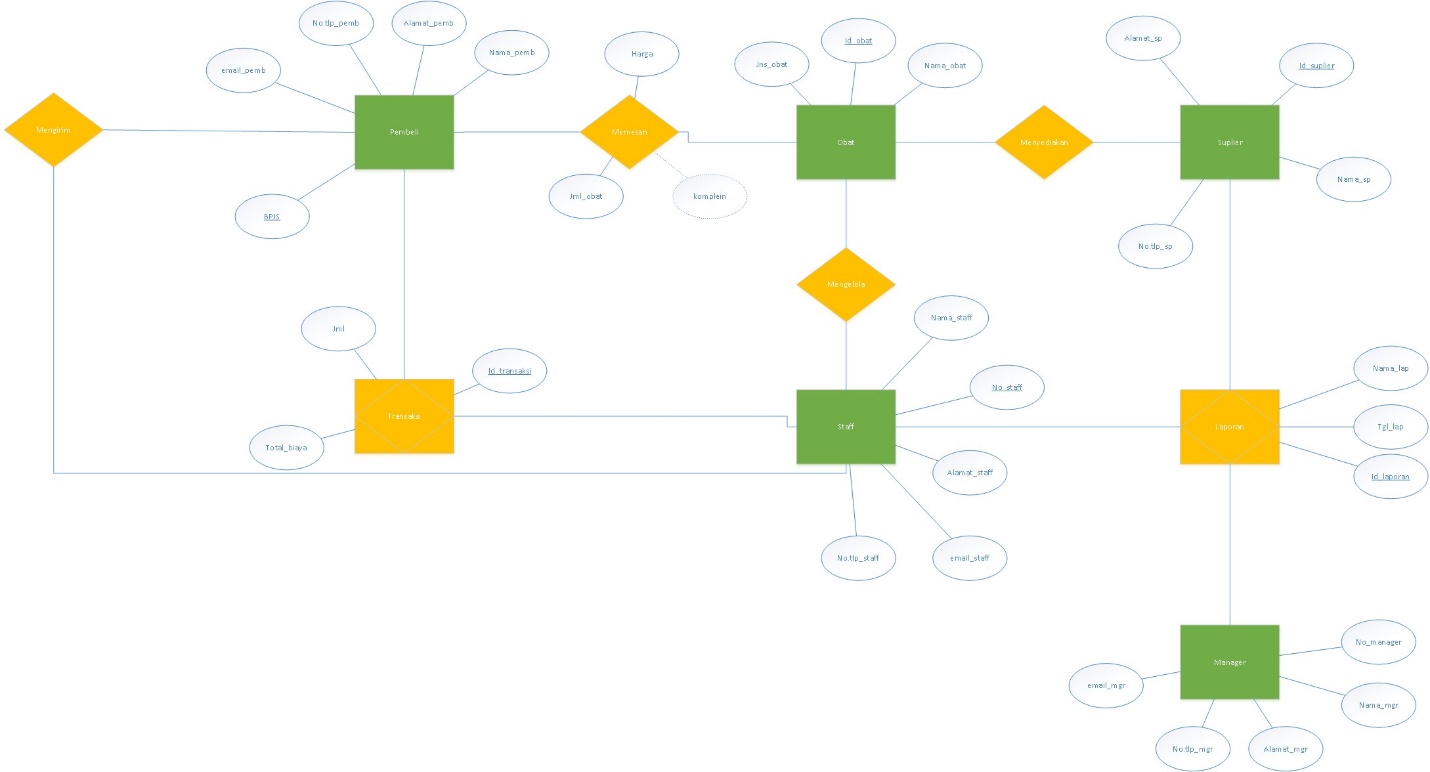
1. Periksa kembali kenormalan rancangan basis data hasil TUBES MK APPL

Jawab :

1. Periksa kembali domain setiap atribut di setiap Tabel Basis Data TUBES APPL

Jawab :

Table 11 Tabel Pembeli

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| BPJS | PK | varchar(20) |
| nama\_pemb |  | varchar(20) |
| notlp\_pemb |  | varchar(15) |
| alamat\_pemb |  | varchar(100) |
| email\_pemb |  | varchar(20) |
| password |  | Varchar(20) |

Table 12 Tabel Suplier

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| no\_suplier | PK | varchar(10) |
| nama\_sp |  | varchar(20) |
| alamat\_sp |  | varchar(100) |
| notlp\_sp |  | varchar(15) |

Table 13 Tabel Staff

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| no\_staff | PK | varchar(10) |
| nama\_staff |  | varchar(20) |
| alamat\_staff |  | varchar(100) |
| notlp\_staff |  | varchar(15) |
| email\_staff |  | varchar(20) |
| password |  | Varchar(20) |

Table 14 Tabel Manager

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| no\_manager | PK | varchar(10) |
| nama\_mgr |  | varchar(20) |
| alamat\_mgr |  | varchar(100) |
| notlp\_mgr |  | varchar(15) |
| email\_mgr |  | varchar(20) |

Table 15 Tabel Obat

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| no\_obat | PK | varchar(10) |
| nama\_obat |  | varchar(20) |
| jenis\_obat |  | varchar(20) |
| stock |  | int(10) |
| harga |  | int(10) |
| deskripsi |  | Varchar(20) |
| no\_suplier | FK | varchar(10) |
| no\_staff | FK | varchar(10) |

Table 16 Tabel Laporan

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| no\_laporan | PK | varchar(10) |
| No\_staff | FK | Varchar(10) |
| nama\_laporan |  | varchar(20) |
| tanggal |  | Date |

Table 17 Tabel Transaksi

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| no\_transaksi | PK | Varchar(10) |
| No\_staff | FK | Varchar(10) |
| Jumlah\_obat |  | int(10) |
| total\_harga |  | int(10) |
| harga\_obat |  | int(10) |
| Tanggal\_transaksi |  | Date |

Table 18 Tabel Pemesanan

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| Id\_pesanan | PK | varchar(10) |
| BPJS | FK | varchar(20) |
| no\_transaksi | FK | Varchar(10) |
| Jumlah\_obat |  | int(10) |
| Total\_harga |  | int(10) |
| Tanggal\_pemesanan |  | Date |

Table 19 Tabel Detail Pemesanan

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| Id\_pesanan | FK | varchar(10) |
| No\_obat | FK | varchar(10) |

Table 20 Tabel Detail Laporan

|  |  |  |
| --- | --- | --- |
| Atribut | PK / FK | Type Data |
| no\_laporan | FK | varchar(10) |
| no\_manager | FK | varchar(10) |

1. Periksa kembali Primary Key – Foreign Key di rancangan basis Data TUBES APPL anda

Jawab :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nama Tabel | Jenis | Volume | Laju | Primary Key | CI/Foreign Key |
| Tabel Pembeli | Tabel Master | - | - | BPJS | Staff(no\_staff) |
| Tabel Suplier | Tabel Master | - | - | no\_suplier | - |
| Tabel Staff | Tabel Master | - | - | no\_staff | - |
| Tabel Manager | Tabel Master | - | - | no\_manager | - |
| Tabel Transaksi | Tabel Relasi | - | - | no\_transaksi | Pemesanan(id\_pesanan)  Staff(no\_staff) |
| Tabel Obat | Tabel Master | - | - | no\_obat | Suplier(no\_suplier)  Staff(Id\_staff) |
| Tabel Laporan | Tabel Relasi | - | - | no\_laporan | Staff(no\_staff) |
| Tabel Detil Pemesanan | Tabel Relasi | - | - | - | Pemesanan(id\_pesanani), Obat(no\_obat) |
| Tabel Pemesanan | Tabel Relasi | - | - | id\_pesanan | Pembeli(BPJS)  Transaksi(no\_transaksi) |
| Tabel Detil Laporan | Tabel Relasi | - | - | - | Laporan(id\_laporan), Manager(no\_manager) |

1. Pilih salah satu tabel dari rancangan basis data anda buat perintah SQL untuk membuatnya.