DATABASE APOTIK

# Desain Database

Graphical user interface, text, application, email

Description automatically generated

# Struktur Table

| **jenis\_obat** | | | | |
| --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_jenis | varchar(3) | PK |  | ‘J’+2 digit urut |
| nama\_jenis | varchar(20) | NN |  |  |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **obat** | | | | |
| --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_obat | varchar(5) | PK |  | ‘B’+4 digit urut |
| nama\_obat | varchar(20) | NN |  |  |
| harga\_beli | int(10) |  | Null |  |
| harga\_jual | int(10) | NN |  |  |
| stock\_obat | int(10) | NN |  |  |
| id\_jenis | varchar(3) | FK |  | Dari table jenis\_obat |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **spesialis** | | | | |
| --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_spes | varchar(4) | PK |  | ‘S’+3 digit urut |
| nama\_spesialis | varchar(15) | NN |  |  |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **dokter** | | | | |
| --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_dokter | varchar(3) | PK |  | ‘D’+2 digit urut |
| nama\_dokter | varchar(20) | NN |  |  |
| alamat | varchar(500) |  | Null |  |
| telpon | varchar(13) |  | Null |  |
| jenis\_dokter | int(1) | NN | 0 | 2=spesialis  1=umum  0=muda |
| id\_spes | varchar(3) | FK |  | Dari table spesialis |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **supplier** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_supplier | varchar(3) | PK |  | ‘S’+2 digit urut |
| nama\_perusahaan | varchar(20) | NN |  |  |
| alamat | varchar(150) |  | Null |  |
| kota | varchar(30) |  | Null |  |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **supply\_obat** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_supplier | varchar(3) | FK |  | Dari table supplier |
| id\_obat | varchar(5) | FK |  | Dari table obat |
| harga\_beli | int(11) | NN |  |  |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **h\_jual** | | | | |
| --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_jual | varchar(15) | PK | ‘TJ’+DDMMYYYY+5 digit urut | Dari table supplier |
| tgl\_trans | date | NN |  |  |
| nama\_pembeli | varchar(20) |  | ‘-‘ |  |
| alamat\_pembeli | varchar(100) |  | ‘-‘ |  |
| id\_dokter | varchar(3) | FK |  | Dari table dokter |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **d\_jual** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_jual | varchar(15) | PK, FK |  | Dari table h\_jual |
| id\_obat | varchar(5) | PK, FK |  | Dari table obat |
| jumlah | int(10) | NN |  |  |
| harga | int(10) | NN |  |  |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **h\_beli** | | | | |
| --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_beli | varchar(15) | PK | ‘TB’+DDMMYYYY+5 digit urut |  |
| tgl\_beli | date | NN |  |  |
| id\_supplier | varchar(5) | FK |  | Dari table supplier |
| status\_bayar | int(1) | NN |  | 1=hutang  2=cek (bayar giro)  3=tunai |
| status\_del | varchar(1) | NN | ‘F’ |  |

| **d\_beli** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Nama Field** | **Tipe Data** | **Constraint** | **Def. Value** | **Comments** |
| id\_beli | varchar(15) | PK, FK |  | Dari table h\_beli |
| id\_obat | varchar(5) | PK, FK |  | Dari table obat |
| jumlah | int(10) | NN |  |  |
| Harga\_beli | int(10) | NN |  |  |
| status\_del | varchar(1) | NN | ‘F’ |  |

# Isi Data

| **jenis\_obat** | | |
| --- | --- | --- |
| **id\_jenis** | **nama\_jenis** | **status\_del** |
| J01 | obat luar | F |
| J02 | obat gosok | F |
| J03 | kapsul | F |
| J04 | tablet | F |

| **obat** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **id\_obat** | **nama\_obat** | **harga\_beli** | **harga\_jual** | **stock\_obat** | **id\_jenis** | **status\_del** |
| B0001 | ANALSIK | 5000 | 6000 | 10 | J04 | F |
| B0002 | OSKADON | 4000 | 5000 | 20 | J04 | F |
| B0003 | SARIDON | 3000 | 4000 | 30 | J04 | F |
| B0004 | REMASIL | 2000 | 3000 | 40 | J03 | F |
| B0005 | REMASAL | 1000 | 2000 | 50 | J03 | F |
| B0006 | OSKADRIL | 2000 | 3000 | 60 | J04 | F |
| B0007 | DECOLSIN | 3000 | 4000 | 70 | J04 | F |
| B0008 | DECOLGEN | 4000 | 5000 | 80 | J04 | F |
| B0009 | RIVANOL | 4000 | 5000 | 30 | J01 | F |
| B0010 | ALKOHOL | 4000 | 5000 | 40 | J01 | F |
| B0011 | SALONPAS | 4000 | 5000 | 30 | J01 | F |
| B0012 | HANDYPLAST | 500 | 700 | 40 | J01 | F |
| B0013 | MKPUTIH | 9000 | 10000 | 50 | J02 | F |

| **spesialis** | | |
| --- | --- | --- |
| **id\_jenis** | **nama\_jenis** | **status\_del** |
| S000 | Saraf | F |
| S001 | THT | F |
| S002 | Internis | F |
| S003 | Anak | F |

| **dokter** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **id\_**  **dokter** | **nama\_dokter** | **alamat** | **telpon** | **jenis\_**  **dokter** | **id\_**  **spes** | **status\_**  **del** |
| D01 | dr. Mulyanto, Sp.S. | Jl Raya I/5 |  | 2 | S000 | F |
| D02 | dr. Surya, Sp.S. | Jl Gubeng 5 | 031-3778899 | 2 | S000 | F |
| D03 | dr. Tirta, Sp.THT. | Jl Ngagel 2 | 031-5921234 | 2 | S001 | F |
| D04 | dr. Mandala, Sp.PD. | Jl Pucang 25 |  | 2 | S002 | F |
| D05 | dr. Sri, Sp.S. | Jl Raya 22 |  | 2 | S000 | F |
| D06 | dr. Ani | Jl Mulyosari II/2 |  | 1 |  | F |
| D07 | dr. Budiman | Jl Kalisari III/3 |  | 0 |  | F |
| D08 | dr. Sondar | Jl Manyar 55 |  | 1 |  | F |
| D09 | dr. Halim | Jl Perak 8 |  | 0 |  | F |
| D10 | dr. Sumantri, Sp.PD. | Jl Kapasan 11 |  | 2 | S002 | F |
| D11 | dr. Mahendra, Sp.A. | Jl Semut Indah I/3 |  | 2 | S003 | F |

| **supplier** | | | | |
| --- | --- | --- | --- | --- |
| **id\_supplier** | **nama\_perusahaan** | **alamat** | **kota** | **status\_del** |
| S01 | KONIMEX | JL KAPUAS 3 | SURABAYA | F |
| S02 | KIMIA FARMA | JL NGAGEL 3 | SURABAYA | F |
| S03 | GAJAH | JL A YANI 45 | SURABAYA | F |
| S04 | FORCE | JL SURYA 5 | SURABAYA | F |

| **suply\_obat** | | | |
| --- | --- | --- | --- |
| **id\_supplier** | **id\_obat** | **harga\_beli** | **status\_del** |
| S01 | B0001 | 5000 | F |
| S02 | B0001 | 5500 | F |
| S03 | B0001 | 5750 | F |
| S01 | B0002 | 4000 | F |
| S02 | B0001 | 4400 | F |
| S01 | B0003 | 3000 | F |
| S01 | B0004 | 2000 | F |
| S01 | B0005 | 1000 | F |
| S01 | B0006 | 2000 | F |
| S01 | B0007 | 3000 | F |
| S01 | B0008 | 4000 | F |

| **h\_jual** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **id\_jual** | **tgl\_trans** | **nama\_**  **pembeli** | **alamat\_pembeli** | **id\_**  **dokter** | **status\_**  **del** |
| TJ1507202100001 | 2021-07-15 | Mickey | Jl Ngagel Timur 3 | D01 | F |
| TJ1707202100001 | 2021-07-17 | Minnie | Jl Pucang Anom 5 | D01 | F |
| TJ1707202100002 | 2021-07-17 | Guffy | Jl Raya 234 | D02 | F |
| TJ1907202100001 | 2021-07-19 | Pluto | Jl Ngagel Selatan 123 | D02 | F |
| TJ1907202100002 | 2021-07-19 | Mars | Jl Gubeng 2 | D03 | F |
| TJ2507202100001 | 2021-07-25 | Kitty | Jl Kertajaya 45 | D04 | F |
| TJ2507202100002 | 2021-07-25 | Hello | Jl MainMain | D05 | F |
| TJ2507202100003 | 2021-07-25 | Hello | Jl MainMain | D09 | F |
| TJ2507202100004 | 2021-07-25 | Kitty | Jl Kertajaya 45 | D09 | F |
| TJ2507202100005 | 2021-07-25 | - | - |  | F |

| **d\_jual** | | | | |
| --- | --- | --- | --- | --- |
| **id\_jual** | **id\_obat** | **Jumlah** | **harga** | **status\_del** |
| TJ1507202100001 | B0001 | 5 | 6000 | F |
| TJ1507202100001 | B0002 | 5 | 5000 | F |
| TJ1707202100001 | B0001 | 10 | 6000 | F |
| TJ1707202100001 | B0003 | 5 | 4000 | F |
| TJ1707202100002 | B0001 | 8 | 6000 | F |
| TJ1707202100002 | B0002 | 5 | 5000 | F |
| TJ1707202100002 | B0003 | 4 | 4000 | F |
| TJ1907202100001 | B0001 | 5 | 6000 | F |
| TJ1907202100001 | B0003 | 7 | 4000 | F |
| TJ1907202100001 | B0006 | 20 | 3000 | F |
| TJ1907202100002 | B0001 | 5 | 6000 | F |
| TJ1907202100002 | B0005 | 2 | 2000 | F |
| TJ1907202100002 | B0006 | 3 | 3000 | F |
| TJ1907202100002 | B0007 | 4 | 4000 | F |
| TJ2507202100001 | B0001 | 5 | 6000 | F |
| TJ2507202100001 | B0003 | 8 | 4000 | F |
| TJ2507202100001 | B0006 | 5 | 3000 | F |
| TJ2507202100001 | B0007 | 7 | 4000 | F |
| TJ2507202100002 | B0001 | 5 | 6000 | F |
| TJ2507202100003 | B0006 | 5 | 3000 | F |
| TJ2507202100003 | B0007 | 5 | 4000 | F |
| TJ2507202100004 | B0001 | 6 | 6000 | F |
| TJ2507202100004 | B0003 | 6 | 4000 | F |
| TJ2507202100004 | B0007 | 6 | 4000 | F |
| TJ2507202100005 | B0001 | 5 | 6000 | F |
| TJ2507202100005 | B0003 | 8 | 4000 | F |
| TJ2507202100005 | B0007 | 7 | 4000 | F |

| **h\_beli** | | | | |
| --- | --- | --- | --- | --- |
| **id\_beli** | **tgl\_beli** | **id\_supplier** | **status\_bayar** | **status\_del** |
| TB0507202100001 | 2021-07-05 | S03 | 1 | F |
| TB0507202100002 | 2021-07-05 | S03 | 2 | F |
| TB1507202100001 | 2021-07-15 | S02 | 3 | F |
| TB1507202100002 | 2021-07-15 | S01 | 2 | F |
| TB2506202100001 | 2021-06-25 | S01 | 3 | F |
| TB2906202100001 | 2021-06-29 | S02 | 1 | F |
| TB2906202100002 | 2021-06-29 | S01 | 2 | F |

| **d\_beli** | | | | |
| --- | --- | --- | --- | --- |
| **id\_beli** | **id\_obat** | **Jumlah** | **Harga\_beli** | **status\_del** |
| TB0507202100001 | B0001 | 5 | 6000 | F |
| TB0507202100001 | B0003 | 7 | 4000 | F |
| TB0507202100001 | B0006 | 20 | 3000 | F |
| TB0507202100002 | B0001 | 5 | 6000 | F |
| TB0507202100002 | B0005 | 2 | 2000 | F |
| TB0507202100002 | B0006 | 3 | 3000 | F |
| TB0507202100002 | B0007 | 4 | 4000 | F |
| TB1507202100001 | B0001 | 5 | 6000 | F |
| TB1507202100001 | B0003 | 8 | 4000 | F |
| TB1507202100001 | B0006 | 5 | 3000 | F |
| TB1507202100001 | B0007 | 7 | 4000 | F |
| TB1507202100002 | B0001 | 5 | 6000 | F |
| TB2506202100001 | B0001 | 5 | 6000 | F |
| TB2506202100001 | B0002 | 5 | 5000 | F |
| TB2906202100001 | B0001 | 10 | 6000 | F |
| TB2906202100001 | B0003 | 5 | 4000 | F |
| TB2906202100002 | B0001 | 8 | 6000 | F |
| TB2906202100002 | B0002 | 5 | 5000 | F |
| TB2906202100002 | B0003 | 4 | 4000 | F |