

1. **First Normal Form (1NF)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Kode\_faktur | Tanggal | Kode\_barang | Nama\_barang | Harga | Qty |
| KD\_001 | 13/07/2020 | BRG\_001 | Indomie Goreng | 2500 | 5 |
| KD\_001 | 13/07/2020 | BRG\_002 | Indomie Goreng Jumbo | 3000 | 8 |
| KD\_001 | 13/07/2020 | BRG\_003 | Mie Sedaap Goreng | 2500 | 9 |
| KD\_001 | 13/07/2020 | BRG\_004 | Mie Sedaap Soto | 2300 | 3 |
| KD\_002 | 13/07/2020 | BRG\_005 | Intermie Goreng | 1500 | 6 |
| KD\_002 | 13/07/2020 | BRG\_006 | Intermie Soto | 1500 | 6 |
| KD\_003 | 14/07/2020 | BRG\_007 | Pop Mie Ayam | 4500 | 3 |

1. **Second Normal Form (2NF)**

**T**abel faktur

|  |  |  |  |
| --- | --- | --- | --- |
| Kode\_faktur | Tanggal | Kode\_barang | Qty |
| KD\_001 | 13/07/2020 | BRG\_001 | 5 |
| KD\_001 | 13/07/2020 | BRG\_002 | 8 |
| KD\_001 | 13/07/2020 | BRG\_003 | 9 |
| KD\_001 | 13/07/2020 | BRG\_004 | 3 |
| KD\_002 | 13/07/2020 | BRG\_005 | 6 |
| KD\_002 | 13/07/2020 | BRG\_006 | 6 |
| KD\_003 | 14/07/2020 | BRG\_007 | 3 |

Tabel Barang

|  |  |  |
| --- | --- | --- |
| Kode\_barang | Nama\_barang | Harga |
| BRG\_001 | Indomie Goreng | 2500 |
| BRG\_002 | Indomie Goreng Jumbo | 3000 |
| BRG\_003 | Mie Sedaap Goreng | 2500 |
| BRG\_004 | Mie Sedaap Soto | 2300 |
| BRG\_005 | Intermie Goreng | 1500 |
| BRG\_006 | Intermie Soto | 1500 |
| BRG\_007 | Pop Mie Ayam | 4500 |

1. **Third Normal Form (2NF)**

**T**abel faktur

|  |  |
| --- | --- |
| Kode\_faktur | Tanggal |
| KD\_001 | 13/07/2020 |
| KD\_001 | 13/07/2020 |
| KD\_001 | 13/07/2020 |
| KD\_001 | 13/07/2020 |
| KD\_002 | 13/07/2020 |
| KD\_002 | 13/07/2020 |
| KD\_003 | 14/07/2020 |

Tabel Barang

|  |  |  |
| --- | --- | --- |
| Kode\_barang | Nama\_barang | Harga |
| BRG\_001 | Indomie Goreng | 2500 |
| BRG\_002 | Indomie Goreng Jumbo | 3000 |
| BRG\_003 | Mie Sedaap Goreng | 2500 |
| BRG\_004 | Mie Sedaap Soto | 2300 |
| BRG\_005 | Intermie Goreng | 1500 |
| BRG\_006 | Intermie Soto | 1500 |
| BRG\_007 | Pop Mie Ayam | 4500 |

Tabel Detail Faktur Transaksi

|  |  |  |
| --- | --- | --- |
| Kode\_faktur | Kode\_barang | Qty |
| KD\_001 | BRG\_001 | 5 |
| KD\_001 | BRG\_002 | 8 |
| KD\_001 | BRG\_003 | 9 |
| KD\_001 | BRG\_004 | 3 |
| KD\_002 | BRG\_005 | 6 |
| KD\_002 | BRG\_006 | 6 |
| KD\_003 | BRG\_007 | 3 |

DESIGN DATABASE

1

1

1

\*

**Tbl\_barang**

Kode faktur (Varchar(20) Primary Key);

Nama barang (Varchar(50)

Harga (int);

**Tbl\_faktur**

Kode faktur (Varchar(20) Primary Key);

Tanggal Date

**Tbl\_Detail Transaksi**

Kode faktur (Varchar(20) Foreign Key);

Kode barang (Varchar(20) Foreign Key);

Qty int;