

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)**

**Tabel 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 (3NF)**

**Tabel Faktur**

|  |  |
| --- | --- |
| **Kode\_faktur** | **Tanggal** |
| KD\_001 | 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**

**Tbl\_DetailTransaksi**

Kode\_faktur Varchar(20) Foreign Key,

Kode\_barang Varchar(20) Foreign Key,

Qty int;

Harga (int)

1

1

1

\*

**Tbl\_barang**

Kode\_barang Varchar(20) Primary Key,

Nama\_barang Varchar(50),

Harga int;

**Tbl\_faktur**

Kode\_faktur Varchar(20) Primary Key,

Tanggal Date;