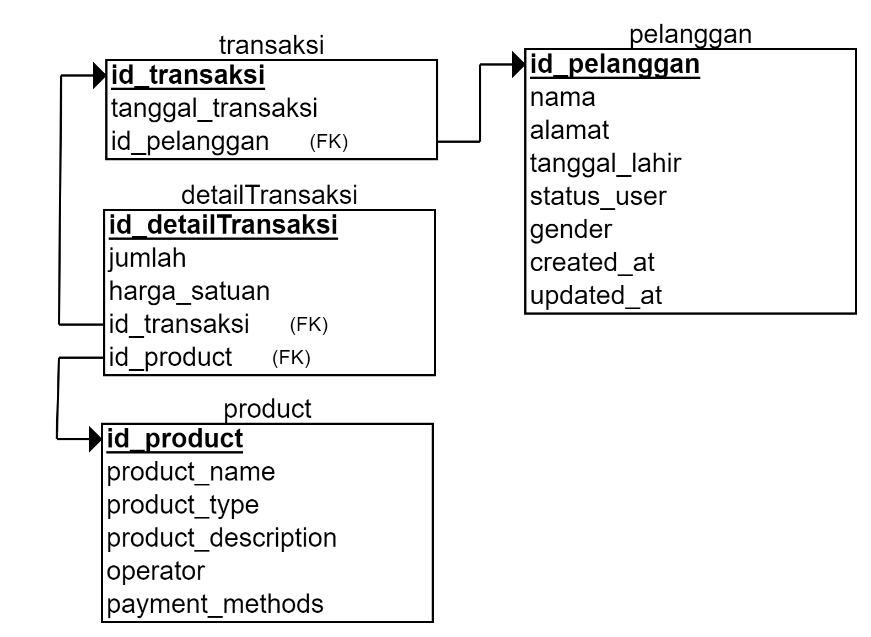
**PART 1 – Schema Database**



**PART 2 – Data Definition Language**

1. Created Database :

**CREATE** **DATABASE** **IF** **NOT** **EXISTS** `alta\_online\_shop` */\*!40100 DEFAULT CHARACTER SET utf8mb4 \*/*;

1. Create Table :

**CREATE** **TABLE** **IF** **NOT** **EXISTS** `user` (

`id\_user` **int**(11) **NOT** **NULL** **AUTO\_INCREMENT**,

`nama` **varchar**(50) **DEFAULT** '',

`alamat` **text** **DEFAULT** **NULL**,

`tanggal\_lahir` **date** **NOT** **NULL**,

`status\_user` **int**(1) **NOT** **NULL** **DEFAULT** 0,

`gender` **enum**('Male','Female') **DEFAULT** **NULL**,

`created\_at` **datetime** **NOT** **NULL** **DEFAULT** **current\_timestamp**(),

`updated\_at` **datetime** **DEFAULT** **NULL** **ON** **UPDATE** **current\_timestamp**(),

**PRIMARY** **KEY** (`id\_user`)

) **ENGINE**=**InnoDB** **DEFAULT** **CHARSET**=**utf8mb4**;

**CREATE** **TABLE** **IF** **NOT** **EXISTS** `transaksi` (

`id\_transaksi` **int**(11) **NOT** **NULL** **AUTO\_INCREMENT**,

`tanggal\_transaksi` **date** **NOT** **NULL**,

`id\_user` **int**(11) **NOT** **NULL**,

**PRIMARY** **KEY** (`id\_transaksi`),

**KEY** `FK\_transaksi\_user` (`id\_user`),

**CONSTRAINT** `FK\_transaksi\_user` **FOREIGN** **KEY** (`id\_user`) **REFERENCES** `user` (`id\_user`) **ON** **DELETE** **CASCADE** **ON** **UPDATE** **CASCADE**

) **ENGINE**=**InnoDB** **DEFAULT** **CHARSET**=**utf8mb4**;

**CREATE** **TABLE** **IF** **NOT** **EXISTS** `product` (

`id\_product` **int**(11) **NOT** **NULL** **AUTO\_INCREMENT**,

`product\_name` **varchar**(50) **NOT** **NULL** **DEFAULT** '',

`product\_type` **varchar**(50) **NOT** **NULL** **DEFAULT** '',

`product\_description` **text** **NOT** **NULL**,

`operator` **varchar**(50) **NOT** **NULL** **DEFAULT** '',

`payment\_methods` **varchar**(50) **NOT** **NULL** **DEFAULT** '',

**PRIMARY** **KEY** (`id\_product`)

) **ENGINE**=**InnoDB** **DEFAULT** **CHARSET**=**utf8mb4**;

**CREATE** **TABLE** **IF** **NOT** **EXISTS** `detailtransaksi` (

`id\_detailTransaksi` **int**(11) **NOT** **NULL** **AUTO\_INCREMENT**,

`jumlah` **int**(11) **NOT** **NULL**,

`harga\_satuan` **int**(11) **NOT** **NULL**,

`id\_transaksi` **int**(11) **NOT** **NULL**,

`id\_product` **int**(11) **NOT** **NULL**,

**PRIMARY** **KEY** (`id\_detailTransaksi`),

**KEY** `FK\_detailtransaksi\_transaksi` (`id\_transaksi`),

**KEY** `FK\_detailtransaksi\_product` (`id\_product`),

**CONSTRAINT** `FK\_detailtransaksi\_product` **FOREIGN** **KEY** (`id\_product`) **REFERENCES** `product` (`id\_product`) **ON** **DELETE** **CASCADE** **ON** **UPDATE** **CASCADE**,

**CONSTRAINT** `FK\_detailtransaksi\_transaksi` **FOREIGN** **KEY** (`id\_transaksi`) **REFERENCES** `transaksi` (`id\_transaksi`) **ON** **DELETE** **CASCADE** **ON** **UPDATE** **CASCADE**

) **ENGINE**=**InnoDB** **DEFAULT** **CHARSET**=**utf8mb4**;

1. Create Tabel Kurir :

**CREATE** **TABLE** `kurir` (

`id` **INT**(11) **NOT** **NULL** **AUTO\_INCREMENT**,

`name` **VARCHAR**(50) **NOT** **NULL** **DEFAULT** '0' **COLLATE** 'utf8mb4\_general\_ci',

`created\_at` **DATETIME** **NOT** **NULL** **DEFAULT** **current\_timestamp**(),

`updated\_at` **DATETIME** **NULL** **DEFAULT** **NULL** **ON** **UPDATE** **current\_timestamp**(),

**PRIMARY** **KEY** (`id`) **USING** **BTREE**

)

**COLLATE**='utf8mb4\_general\_ci'

**ENGINE**=**InnoDB**

;

1. Tambah Kolom Onkgos Dasar di Tabel Kurir :

**ALTER** **TABLE** `kurir`

**ADD** **COLUMN** `ongkos\_dasar` **INT** **NOT** **NULL** **DEFAULT** 0 **AFTER** `name`;

1. Ubah nama tabel kurir ke shipping :

**RENAME** **TABLE** `kurir` **TO** `shipping`;

1. Hapus tabel shipping :

**DROP** **TABLE** `shipping`;