

Database (Basis Data)

Nama Basis Data : pengaduan_masyarakat

Query : create database pengaduan_masyarakat

Nama Tabel (*Table*) : masyarakat

Query :

```
create table masyarakat(nik char(16) NOT NULL, nama varchar(50) NOT NULL,
username varchar(32) NOT NULL, password varchar(32) NOT NULL, telp
varchar(13) NOT NULL, UNIQUE(username), PRIMARY KEY(nik)) ENGINE=INNODB;
```

Nama Field	Tipe Data	Keterangan
nik	char(16)	PRIMARY KEY NOT NULL
nama	varchar(50)	NOT NULL
username	varchar(32)	UNIQUE NOT NULL
password	varchar(32)	NOT NULL
telp	varchar(13)	NOT NULL

Nama Tabel (*Table*) : petugas

Query :

```
create table petugas(id_petugas varchar(23) NOT NULL, nama_petugas
varchar(50) NOT NULL, username varchar(32) NOT NULL, password varchar(32)
NOT NULL, telp varchar(13) NOT NULL, level enum('admin', 'petugas') NOT
NULL DEFAULT 'petugas', UNIQUE(username), PRIMARY KEY(id_petugas))
ENGINE=INNODB;
```

Nama Field	Tipe Data	Keterangan
id_petugas	varchar(23)	PRIMARY KEY NOT NULL
nama_petugas	varchar(50)	NOT NULL
username	varchar(32)	NOT NULL

password	varchar(32)	NOT NULL
telp	varchar(13)	NOT NULL
level	enum("admin", "petugas")	NOT NULL DEFAULT 'petugas'

Nama Tabel (*Table*) : pengaduan

Query :

```
create table pengaduan(id_pengaduan varchar(23) NOT NULL, tgl_pengaduan
date NOT NULL DEFAULT CURRENT_TIMESTAMP, nik char(16) NOT NULL,
isi_laporan text NOT NULL, foto varchar(255) NOT NULL, status enum('0',
'proses', 'selesai') NOT NULL DEFAULT '0', PRIMARY KEY(id_pengaduan),
CONSTRAINT fk_masyarakat FOREIGN KEY(nik) REFERENCES masyarakat(nik) ON
DELETE RESTRICT ON UPDATE RESTRICT) ENGINE=INNODB;
```

Nama Field	Tipe Data	Keterangan
id_pengaduan	varchar(23)	PRIMARY KEY NOT NULL
tgl_pengaduan	date	NOT NULL DEFAULT CURRENT_TIMESTAMP
nik	char(16)	FOREIGN KEY NOT NULL
isi_laporan	text	NOT NULL
foto	varchar(255)	NOT NULL DEFAULT foto.jpg
status	enum("0", "proses", "selesai")	NOT NULL DEFAULT ("0")

Nama Tabel (*Table*) : tanggapan

Query :

```
create table tanggapan(id_tanggapan varchar(23) NOT NULL, id_pengaduan
varchar(23) NOT NULL, tgl_tanggapan date NOT NULL DEFAULT
CURRENT_TIMESTAMP, tanggapan text NOT NULL, id_petugas varchar(23),
PRIMARY KEY(id_tanggapan), CONSTRAINT fk_pengaduan FOREIGN
KEY(id_pengaduan) REFERENCES pengaduan(id_pengaduan) ON DELETE RESTRICT ON
```

```
UPDATE RESTRICT, CONSTRAINT fk_petugas FOREIGN KEY(id_petugas) REFERENCES
petugas(id_petugas) ON DELETE RESTRICT ON UPDATE RESTRICT) ENGINE=INNODB;
```

Nama Field	Tipe Data	Keterangan
id_tanggapan	varchar(23)	PRIMARY KEY NOT NULL
id_pengaduan	varchar(23)	FOREIGN KEY NOT NULL
tgl_tanggapan	date	NOT NULL DEFAULT TIMESTAMP
tanggapan	text	NOT NULL
id_petugas	varchar(23)	FOREIGN KEY NOT NULL



