CREATE TABLE Admin (

nip\_admin INT NOT NULL,

nama\_admin INT NOT NULL,

email\_admin INT NOT NULL,

jk\_admin INT NOT NULL,

jabatan INT NOT NULL,

PRIMARY KEY (nip\_admin)

);

CREATE TABLE Siswa (

nis INT NOT NULL,

nama\_siswa INT NOT NULL,

TTL\_siswa INT NOT NULL,

jk\_siswa INT NOT NULL,

agama\_siswa INT NOT NULL,

nama\_ayah INT NOT NULL,

nama\_ibu INT NOT NULL,

alamat\_siswa INT NOT NULL,

no\_hp\_siswa INT NOT NULL,

jurusan INT NOT NULL,

PRIMARY KEY (nis)

);

CREATE TABLE Wali\_Kelas (

nip\_walikelas INT NOT NULL,

nama\_walikelas INT NOT NULL,

TTL\_walikelas INT NOT NULL,

jk\_walikelas INT NOT NULL,

alamat\_walikelas INT NOT NULL,

agama\_walikelas INT NOT NULL,

no\_hp\_walikelas INT NOT NULL,

email\_walikelas INT NOT NULL,

PRIMARY KEY (nip\_walikelas)

);

CREATE TABLE Orangtua (

id\_ortu INT NOT NULL,

nama\_ayah INT NOT NULL,

nama\_ibu INT NOT NULL,

nama\_siswa INT NOT NULL,

alamat\_ortu INT NOT NULL,

email\_ortu INT NOT NULL,

PRIMARY KEY (id\_ortu)

);

CREATE TABLE Perwalian (

pesan INT NOT NULL,

tgl\_kirim INT NOT NULL,

nip\_walikelas INT NOT NULL,

id\_ortu INT NOT NULL,

FOREIGN KEY (nip\_walikelas) REFERENCES Wali\_Kelas(nip\_walikelas),

FOREIGN KEY (id\_ortu) REFERENCES Orangtua(id\_ortu)

);

CREATE TABLE Mapel (

kode\_mapel INT NOT NULL,

nama\_mapel INT NOT NULL,

PRIMARY KEY (kode\_mapel)

);

CREATE TABLE Semester (

tahun INT NOT NULL,

semester INT NOT NULL,

id\_semester INT NOT NULL,

PRIMARY KEY (id\_semester)

);

CREATE TABLE Kelas (

jurusan INT NOT NULL,

kode\_kelas INT NOT NULL,

nama\_kelas INT NOT NULL,

id\_semester INT NOT NULL,

nip\_walikelas INT NOT NULL,

PRIMARY KEY (kode\_kelas),

FOREIGN KEY (id\_semester) REFERENCES Semester(id\_semester),

FOREIGN KEY (nip\_walikelas) REFERENCES Wali\_Kelas(nip\_walikelas)

);

CREATE TABLE Pembayaran (

tgl\_pembayaran INT NOT NULL,

status\_pembayaran INT NOT NULL,

nis INT NOT NULL,

id\_semester INT NOT NULL,

FOREIGN KEY (nis) REFERENCES Siswa(nis),

FOREIGN KEY (id\_semester) REFERENCES Semester(id\_semester)

);

CREATE TABLE Mapel\_Kelas (

kode\_kelas INT NOT NULL,

kode\_mapel INT NOT NULL,

PRIMARY KEY (kode\_kelas, kode\_mapel),

FOREIGN KEY (kode\_kelas) REFERENCES Kelas(kode\_kelas),

FOREIGN KEY (kode\_mapel) REFERENCES Mapel(kode\_mapel)

);

CREATE TABLE kelas\_siswa (

nis INT NOT NULL,

kode\_kelas INT NOT NULL,

PRIMARY KEY (nis, kode\_kelas),

FOREIGN KEY (nis) REFERENCES Siswa(nis),

FOREIGN KEY (kode\_kelas) REFERENCES Kelas(kode\_kelas)

);

CREATE TABLE Absensi (

tgl\_absensi INT NOT NULL,

keterangan INT NOT NULL,

nis INT NOT NULL,

kode\_kelas INT NOT NULL,

kode\_mapel INT NOT NULL,

FOREIGN KEY (nis) REFERENCES Siswa(nis),

FOREIGN KEY (kode\_kelas, kode\_mapel) REFERENCES Mapel\_Kelas(kode\_kelas, kode\_mapel)

);

CREATE TABLE Nilai (

nilai\_harian INT NOT NULL,

nilai\_uts INT NOT NULL,

nilai\_semester INT NOT NULL,

nis INT NOT NULL,

kode\_kelas INT NOT NULL,

kode\_mapel INT NOT NULL,

FOREIGN KEY (nis) REFERENCES Siswa(nis),

FOREIGN KEY (kode\_kelas, kode\_mapel) REFERENCES Mapel\_Kelas(kode\_kelas, kode\_mapel)

);