CREATE TABLE MAHASISWA(

NPM VARCHAR(10) PRIMARY KEY NOT NULL,

NAMA VARCHAR(100) NOT NULL,

username varchar(30) not null,

password varchar(20) not null,

email varchar(100) not null,

email\_alternatif varchar(100),

telepon varchar(100),

notelp varchar(100)

);

CREATE TABLE TERM (

tahun int,

semester int,

primary key (tahun,semester)

);

CREATE TABLE PRODI (

ID int primary key,

NamaProdi Varchar(50) not null UNIQUE

);

CREATE TABLE DOSEN (

NIP varchar(20) primary key,

nama varchar(100) not null,

username varchar(50) not null,

password varchar(50) not null,

email varchar(100) not null,

institusi varchar(100) not null

);

CREATE TABLE JENISMKS (

ID int primary key,

NamaMKS Varchar(50) not null UNIQUE

);

CREATE TABLE MATA\_KULIAH\_SPESIAL (

IdMKS int unique,

NPM Char (10),

Tahun Int not null,

Semester Int not null,

Judul Varchar (250) not null,

IsSiapSidang Boolean Default FALSE,

PengumpulanHardCopy Boolean Default FALSE,

IjinMajuSidang Boolean Default FALSE,

IdJenisMKS Int Not null,

primary key (IDMKS, NPM, Tahun, Semester),

FOREIGN KEY (NPM) references MAHASISWA(NPM) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (tahun, semester) references TERM(tahun, semester) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (IdJenisMKS) references JENISMKS(Id) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE DOSEN\_PEMBIMBING (

IDMKS int NOT NULL,

NIPdosenpembimbing Varchar(20) references DOSEN(NIP),

primary key (IDMKS, nipdosenpembimbing),

FOREIGN KEY (IDMKS) references MATA\_KULIAH\_SPESIAL(IDMKS) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (NIPdosenpembimbing) references DOSEN(NIP)

ON DELETE CASCADE ON UPDATE CASCADE

);