--CREATE DATABASE Unidatabase

USE Unidatabase

CREATE TABLE Student(

StudentID varchar(50) PRIMARY KEY not null,

Name varchar(50),

Email varchar(50),

Major varchar(50),

Year date,

GPA float

)

CREATE TABLE Faculty(

FacultyID varchar(50) primary key not null,

Name varchar(50),

Department varchar(50),

Title varchar(50),

Email varchar(50),

Office varchar(50),

ResearchInterests varchar(50)

)

CREATE TABLE Course(

CourseID varchar(50) primary key not null,

CourseName varchar(50),

Description varchar(100),

Credits int,

Prerequisites varchar(50)

)

CREATE TABLE Administrator(

AdministratorID varchar(50) primary key not null,

Username varchar(50),

Password varchar(50),

Name varchar(50),

Email varchar(50),

Role varchar(50),

Permissions varchar(100)

)

CREATE TABLE Department(

DeptID varchar(50) primary key not null,

DeptName varchar(50)

)

CREATE TABLE ResearchLab(

LabID varchar(50) primary key not null,

LabName varchar(50),

ResearchFocus varchar(100)

)

CREATE TABLE Program(

ProgramID varchar(50) primary key not null,

ProgramName varchar(50)

)

CREATE TABLE Admissions\_Office(

AOffice\_id varchar(50) primary key not null,

ContactInformation varchar(100),

ApplicationDeadlines date,

ApplicationRequirements varchar(100),

ApplicationStatus varchar(100)

)

CREATE TABLE Registrar\_Office(

ROffice\_id varchar(50) primary key not null,

ContactInformation varchar(100),

CourseRegistrationProcess varchar(100),

TranscriptRequests varchar(100),

GradeProcessing varchar(100)

)

CREATE TABLE Financial\_Aid\_Office(

FOffice\_id varchar(50) primary key not null,

ContactInformation varchar(100),

FinancialAidPrograms varchar(100),

ApplicationProcess varchar(100),

AwardManagement varchar(100)

)

CREATE TABLE Libraries(

Library\_id varchar(50) primary key not null,

Location varchar(50),

HoursOfOperation time,

OnlineResources varchar(100),

Catalog varchar(100)

)

CREATE TABLE IT\_Department(

IOffice\_id varchar(50) primary key not null,

ContactInformation varchar(100),

SupportServices varchar(100),

KnowledgeBase varchar(100)

)

CREATE TABLE Campus\_Security(

SOffice\_id varchar(50) primary key not null,

ContactInformation varchar(100),

EmergencyProcedures varchar(100),

CrimeReporting varchar(100),

SafetyResources varchar(100)

)

CREATE TABLE Administrator\_Admissions (

AssignmentID varchar(50) primary key not null,

AdministratorID varchar(50),

AOfficeID varchar(50),

Permissions varchar(100),

foreign key (AdministratorID) references Administrator(AdministratorID),

foreign key (AOfficeID) references Admissions\_Office(AOffice\_id)

);

CREATE TABLE Administrator\_Registrar(

AssignmentID varchar(50) primary key not null,

AdministratorID varchar(50),

ROfficeID varchar(50),

Permissions varchar(100),

foreign key (AdministratorID) references Administrator(AdministratorID),

foreign key (ROfficeID) references Registrar\_Office(ROffice\_id)

)

CREATE TABLE Administrator\_FinancialAid (

AssignmentID varchar(50) primary key not null,

AdministratorID varchar(50),

FOfficeID varchar(50),

Permissions varchar(100),

foreign key (AdministratorID) references Administrator(AdministratorID),

foreign key (FOfficeID) references Financial\_Aid\_Office(FOffice\_id)

);

CREATE TABLE Administrator\_Libraries (

AssignmentID varchar(50) primary key not null,

AdministratorID varchar(50),

Library\_id varchar(50),

Permissions varchar(100),

foreign key (AdministratorID) references Administrator(AdministratorID),

foreign key (Library\_id) references Libraries(Library\_id)

);

CREATE TABLE Administrator\_ITDept (

AssignmentID varchar(50) primary key not null,

AdministratorID varchar(50),

IOfficeID varchar(50),

Permissions varchar(100),

foreign key (AdministratorID) references Administrator(AdministratorID),

foreign key (IOfficeID) references IT\_Department(IOffice\_id)

);

CREATE TABLE Administrator\_Security (

AssignmentID varchar(50) primary key not null,

AdministratorID varchar(50),

SOfficeID varchar(50),

Permissions varchar(100),

foreign key (AdministratorID) references Administrator(AdministratorID),

foreign key (SOfficeID) references Campus\_Security(SOffice\_id)

);

CREATE TABLE Student\_AdmissionOffice (

AdmissionID varchar(50) primary key not null,

StudentID varchar(50),

AOffice\_id varchar(50),

foreign key (StudentID) references Student(StudentID),

foreign key (AOffice\_id) references Admissions\_Office(AOffice\_id)

);

CREATE TABLE Student\_RegistrarOffice (

RegisterationID varchar(50) primary key not null,

StudentID varchar(50),

ROffice\_id varchar(50),

foreign key (StudentID) references Student(StudentID),

foreign key (ROffice\_id) references Registrar\_Office(ROffice\_id)

);

CREATE TABLE Student\_FinancialAidOffice (

AidID varchar(50) primary key not null,

StudentID varchar(50),

FOffice\_id varchar(50),

AidType varchar(100),

foreign key (StudentID) references Student(StudentID),

foreign key (FOffice\_id) references Financial\_Aid\_Office(FOffice\_id)

);

CREATE TABLE Student\_Libraries (

LibServiceID varchar(50) primary key not null,

StudentID varchar(50),

Library\_id varchar(50),

Services varchar(100),

foreign key (StudentID) references Student(StudentID),

foreign key (Library\_id) references Libraries(Library\_id)

);

CREATE TABLE Student\_ITDepartment (

ITServiceID varchar(50) primary key not null,

StudentID varchar(50),

IOffice\_id varchar(50),

Services varchar(100),

foreign key (StudentID) references Student(StudentID),

foreign key (IOffice\_id) references IT\_Department(IOffice\_id)

);

CREATE TABLE Student\_CampusSecurity (

SecuirityServiceID varchar(50) primary key not null,

StudentID varchar(50),

SOffice\_id varchar(50),

Services varchar(100),

foreign key (StudentID) references Student(StudentID),

foreign key (SOffice\_id) references Campus\_Security(SOffice\_id)

);

CREATE TABLE CourseEnrollment (

EnrID varchar(50) primary key not null,

StudentID varchar(50),

CourseID varchar(50),

foreign key (StudentID) references Student(StudentID),

foreign key (CourseID) references Course(CourseID)

);

CREATE TABLE Department\_Program (

DPID varchar(50) primary key not null,

DeptID varchar(50),

ProgramID varchar(50),

foreign key (DeptID) references Department(DeptID),

foreign key (ProgramID) references Program(ProgramID)

);

CREATE TABLE Program\_Course (

PCID varchar(50) primary key not null,

ProgramID varchar(50),

CourseID varchar(50),

foreign key (ProgramID) references Program(ProgramID),

foreign key (CourseID) references Course(CourseID)

);

CREATE TABLE Department\_Faculty (

DFID varchar(50) primary key not null,

DeptID varchar(50),

FacultyID varchar(50),

foreign key (DeptID) references Department(DeptID),

foreign key (FacultyID) references Faculty(FacultyID)

);

CREATE TABLE Faculty\_Course (

FCID varchar(50) primary key not null,

FacultyID varchar(50),

CourseID varchar(50),

foreign key (FacultyID) references Faculty(FacultyID),

foreign key (CourseID) references Course(CourseID)

);

CREATE TABLE Course\_ResearchLab (

CRID varchar(50) primary key not null,

CourseID varchar(50),

LabID varchar(50),

foreign key (LabID) references ResearchLab(LabID),

foreign key (CourseID) references Course(CourseID)

);