GradePoints

LetterGrade PK	char
GradePoint	decimal

Campuses

CampusID PK	int
CampusName	varchar
Address	varchar

Buildings

BuildingID PK	int
CampusID FK	int
BuildingCode	varchar
BuildingName	varchar

Subjects

SubjectID PK	int
Subject	varchar
SubjectDescription	varchar

Data design for
University database

Nicholas Vickery

Connor floyd

Nov 9, 2024 2:30 PM

Professors

ProfessorID PK	int
ProfessorName	varchar

Rooms

RoomID PK	int
CampusID FK	int
Building FK	varchar
Room	varchar

Courses

CourseID PK	int
CourseNumber	varchar
CourseName	varchar
SubjectID FK	int

StudentStatuses

StatusID PK	int
StatusName	varchar

CourseSchedule

ScheduleID PK	int
CRN	varchar
CourseID FK	int
ProfessorID FK	int
RoomID FK	int
AcademicPeriodDesc	varchar
Days	varchar
Time	varchar
MaxEnrollment	int
ActualEnrolled	int
MeetingTypeDesc	varchar

Students

StudentID PK	int
FirstName	varchar
LastName	varchar
Email UNIQUE	varchar
Major	varchar
EnrollmentYear	int
StatusID FK	int

ProfessorAssignments

AssignmentID PK	int
ScheduleID FK	int
ProfessorID FK	int

Enrollments

EnrollmentID PK	int
StudentID FK	int
ScheduleID FK	int
EnrollmentDate	date
Grade	varchar

GPAHistory

GPAHistoryID PK	int
StudentID FK	int
Term	varchar
GPA	decimal

Relationships: "has", "contains", "offers", "hosts", "teaches", "includes", "assigned", "registers"