

Student (student_id int, f_name varchar, l_name varchar, gpa decimal, faculty varchar, email varchar, major varchar, password varchar, financial_status bit, semester int, acquired_hours int, assigned_hours int, advisor_id int).

Where student.financial_status is based on the installment status whether it's paid or not. Consider the installment deadline

Student_Phone (student_id int, phone_number varchar)

Student_Phone.student_id *references* Student.student_id

Course (course_id int, name varchar, major varchar, is_offered bit, credit_hours int, semester int)

PreqCourse_course (prerequisite_course_id int, course_id int)

PreqCourse_course.prerequisite_course_id *references* Course.course_id

PreqCourse_course.course_id *references* Course.course_id

Instructor (instructor_id int, name varchar, email varchar, faculty varchar, office varchar)

Instructor_Course (course_id int, instructor_id int)

Instructor_Course.course_id *references* Course.course_id

Instructor_Course.instructor_id *references* Instructor.instructor_id

Student_Instructor_Course_Take (student_id int, course_id int,

instructor_id int, semester_code varchar, exam_type varchar, grade

varchar)

Student_Instructor_Course_Take.student_id *references*
Student.student_id
Student_Instructor_Course_Take.course_id *references* Course.course_id
Student_Instructor_Course_Take.instructor_id *references*
Instructor.instructor_id

Semester (semester_code varchar, start_date date, end_date date)

Course_Semester (course_id int, semester_code varchar)

Course_Semester.course_id *references* Course.course_id
Course_Semester.semester_code *references* Semester.semester_code

Advisor (advisor_id int, name varchar, email varchar, office varchar,
password varchar)

Slot (slot_id int, day varchar, time varchar, location varchar, course_id
int, instructor_id int) -----

Slot.course_id *references* Course.course_id
Slot.instructor_id *references* Instructor.instructor_id

Graduation_Plan (plan_id int, semester_code varchar,
semester_credit_hours int, expected_grad_date date,
advisor_id int, student_id int)

Graduation_Plan.advisor_id *references* Advisor_advisor_id
Graduation_plan.student_id *references* Student.student_id

GradPlan_Course (plan_id int, semester_code varchar, course_id int)

GradPlan_Course.plan_id *references* Graduation_Plan.plan_id
GradPlan_Course.semester_code *references* Graduation_Plan.
semester_code

Request (request_id int, type varchar, comment varchar, status varchar,
credit_hours int, student_id int, advisor_id int, course_id int)

Request.student_id *references* Student_student_id
Request.advisor_id *references* Advisor_advisor_id
Request.course_id *references* Course_course_id

MakeUp_Exam (exam_id int, date datetime, type varchar, course_id int)

Make_Exam.course_id *references* Course.course_id

Exam_Student (exam_id int, student_id int, course_id int)

Exam_Student.exam_id *references* MakeUp_Exam.exam_id
Exam_Student.student_id *references* Student_student_id

Payment(payment_id int, amount int, deadline datetime, n_installments
int, status varchar, fund_percentage decimal, start_date datetime,
student_id int, semester_code varchar)

Payment.student_id *references* Student.student_id

Payment.semester_code *references* Semester.semester_code

Installment (payment_id int, deadline datetime, amount int, status

varchar, start date datetime)

Installment.payment_id *references* Payment.payment