

Points To Consider

- The only derived attribute we have is the student's status. The number of installments isn't considered a derived attribute.
- "Number of installments should be equals to the number of months between the payment's start date and the payment's deadline" this note should only be considered when you are inserting values for the number of installments to test your work
- The default value for payment/installment status is "not paid"
- The status of the student should be calculated in a function and used whenever needed. You can choose whether to call the function while creating the table or not.
- There is no user story that updates the payment/installment status. You can test with different values, sometimes paid and sometimes not paid.
- In 2.3.I, you should insert a new record. On the other hand, in 2.3.OO, you should update an existing record on the table with the chosen instructor.
- The graduation plan doesn't keep track of the courses taken. The only way to know whether course is taken or not is from student_instructor_course_take table
- If you want to check whether or not the course is offered in any semester, you should access table course_semester and not the "is_offered" attribute.
- Whenever you are given the "current_semester_code" as an input, you MUST use it
- Assigned hours could be of any value up to 34 credit hours. You should try different values while inserting to test your work.
- GPA should be between 0.7 and 5. You can try inserting different random values to test your work.
- Acquired hours means the total credit hours of the courses that the student passed so far, it can be of any value with minimum 34 hours. Try using different values to test your work.
- You are not required to insert values for the GPA, Acquired hours, and Assigned hours in any user story. You can insert values to test your work.
- In order for the advisor to create a graduation plan for the student, the student should have acquired hours greater than 157 credit hours.
- In "Procedures_AdvisorViewAssignedStudents", you should view all students assigned to specific advisor from a certain major along with their taken courses (if any)
- The default value of exam type in "student_instructor_course_take" table is Normal
- The advising student can request up to 3 extra credit hours "In the credit hours request"
- You need to check the request type in 2.3.W and 2.3.Y
- If a request to add a course is accepted, you need to handle adding this course to the list of courses the student is taking.
- The student registers for an exam of a course that already exists in the table MakeUp_Exam
- The grades are of type varchar so they are alphabetical such as ('A','B',.. etc)
- Failed courses have grades 'F' and 'FF'
- In addition to the conditions mentioned before, unattended courses could also be courses with grade 'FA' (Failed Attendance).

- Courses that the student is taking/took **ARE NOT** missing courses. After choosing the required and optional courses, whatever is remaining, in order for the student to graduate, are missing courses even if he did not take these courses' prerequisites.
- By default, all students are eligible for first makeup. However, the student's grade in the normal exam should be null, 'FF', or 'F' and the student shouldn't have taken any makeup exam before in this course.
- In 2.3.I, you have to assume that the slotID given is for a slot that already exists in the slot table
- When the credit hours request is approved, an amount of 1000 should be added on the next upcoming installment, and accordingly 1000 will be added to the total amount of payment.