1 . The admins can see all the grades and attendance for one student through a “student report” page.

If the admins can access the system, why do we need “student report” because we already have an exam table and an attendance table. So, The admins can access them to see all grades and attendance for one student.

2. We have 5 programs (AIs, DSA, SE, ISM, CS), each of them

will have its list of courses, even if courses can be in common across several programs.

It means that one program will have many courses and one course can have one program or several programs.

Because program id and course id are the primary keys in their table. They are unique and cannot repeat so how to show one program will have its list of courses or how to show one course can be in several programs.

Solution: I created a program course table to connect between the program table and the course table.

I put FK\_programID and FK\_courseID in the program course table with this result as below.

ProgramID (1) has several courses (1,3)

CourseID (1) has several program (1,2)

Une image contenant table

Description générée automatiquement