SQL ASSESMENT : Student University Database
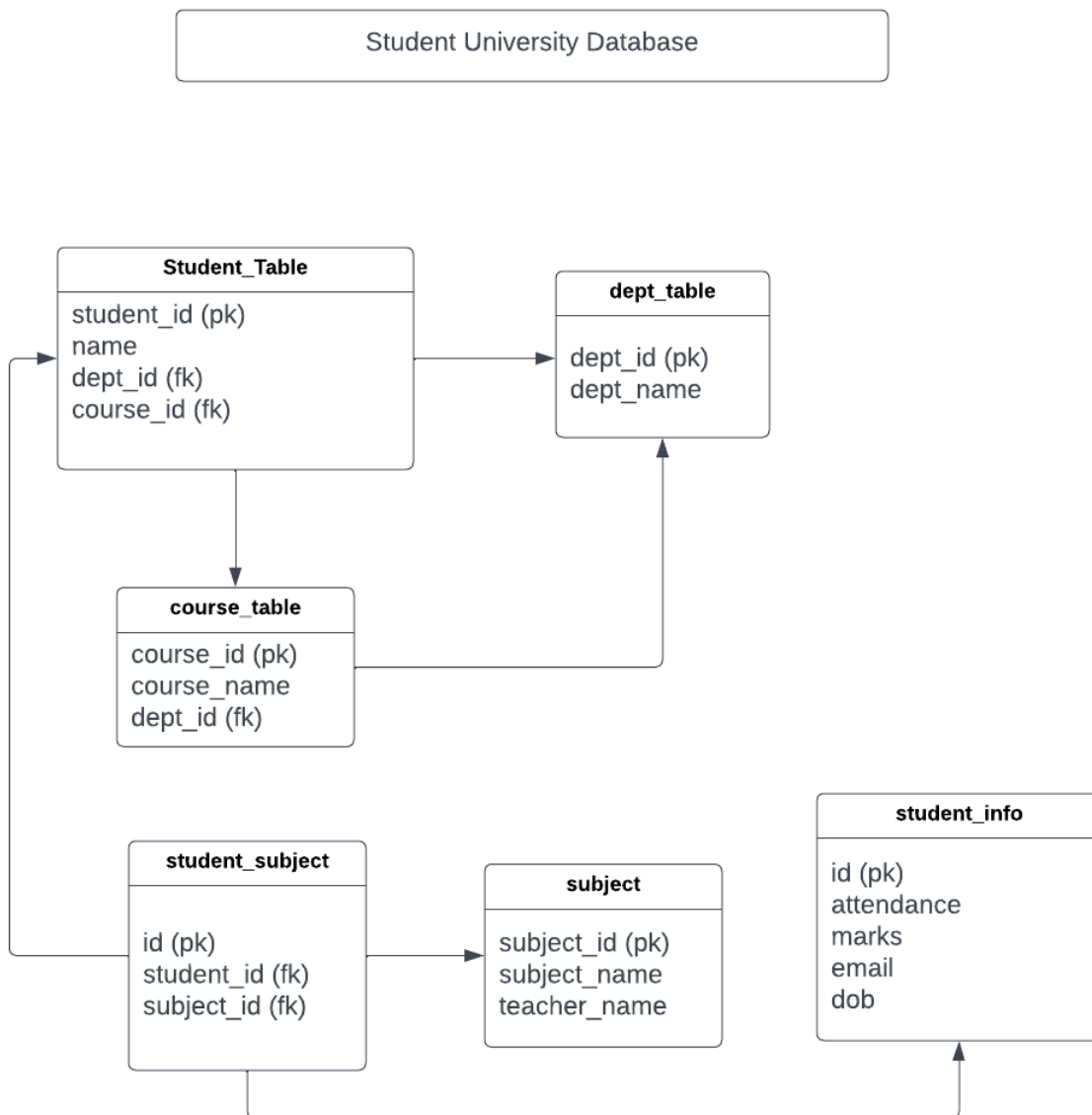
Student University Database

1) Getting student information with name, marks, dob.

>> select t1.name, t3.attendance, t3.marks, t3.dob from student_table t1 join student_subject t2 on t1.student_id=t2.student_id join student_info t3 on t2.id=t3.id;

2) Get the name and subjects taken by that student.

>> SELECT t1.name, t3.subject_name from student_table t1 join student_subject t2 on t1.student_id=t2.student_id join subject t3 on t2.subject_id=t3.subject_id;

3) Get average marks of students for each subject from a particular department.

>> select avg(t4.marks), t2.dept_name from student_table t1 join department_table t2 on t1.dept_id=t2.dept_id join student_subject t3 on t1.student_id=t3.student_id join student_info t4 on t3.id=t4.id group by t2.dept_name;

4) Get the third highest marks with name and dept name.

>> select t1.name,t2.dept_name from student_table t1 join department_table t2 on t1.dept_id=t2.dept_id join student_subject t3 on t1.student_id=t3.student_id join student_info t4 on t3.id=t4.id ORDER BY t4.marks DESC LIMIT 1 OFFSET 2;

5) List the dept, courses and subjects with teacher name taken by a student .

>> select t1.name, t2.dept_name, t3.course_name, t5.subject_name from student_table t1 join department_table t2 on t1.dept_id=t2.dept_id join course_table t3 on t1.course_id=t3.course_id join student_subject t4 on t1.student_id=t4.student_id join subject t5 on t4.subject_id=t5.subject_id;