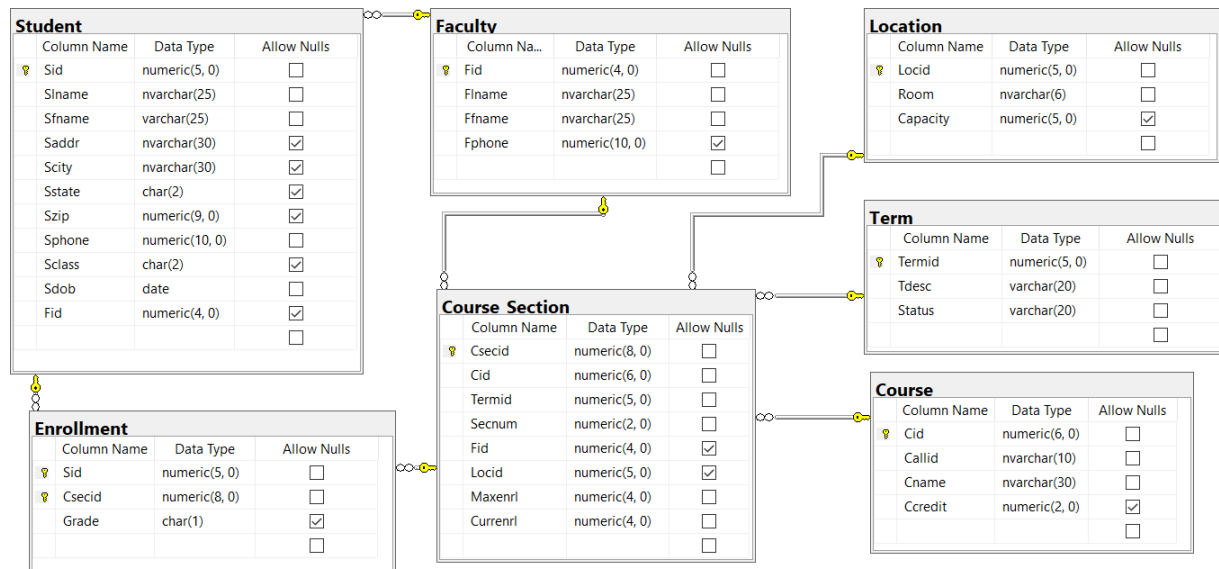


## -- Lab3: Joining Tables, Set, Subquery

Be sure your name is on the file.



--LAB STEPS: Complete each of the exercises below:

1. Use the JOIN ON syntax to write a query to display the course Callid, Cname, Ccredit, and course session id (Csecid) for section having currentl=35
2. Use the JOIN syntax to display the faculty Flname, Ffname, Fphone, and Course session id (Csecid), Locid for locid at 53, 54.
3. Use the implicit join syntax (the WHERE clause) to display the course section Csecid, cid, and term Tdesc for all terms are opening (status='OPEN').
4. List the course Callid, Cname, Ccredit for any courses opening in term 2 (Status='OPEN, Termid=2).
5. List the student Sid, Slname, Sfname, Saddr, Sdob for students were born in 1979 and enrolling course MIS101 (Callid='MIS101')
6. Write a query to list the Slname, Sfname, Scity of ONLY the students that have grade A. Only list each student once.
7. Write a query to list the Locid, Room, Capacity of all locations that have been occupied by course MIS101 (Callid='MIS101') in term Summer 2004.
8. Write a query to list the faculty Fid, Flname, Ffname, Fphone and course Cname, Credit of faculties that taught any students in term Summer 2004.
9. Write a query to display the student Sid, Slname, Sfname, Scity, and course section Csecid for all ENROLLED students had no grade (Grade is null).
10. Write a query that displays the Course Cname, Ccredit, and faculty name as a single field labeled Faculty for each course that a faculty taught. Sorted by faculty name.
11. Write a query to display the student who did not enroll for any course section. (Use LEFT JOIN)

12. Write a query that displays the Fid for all faculties that teach at location 54 (locid=54) but did not teach at location 53 (locid=53) (use the EXCEPT operator)
13. Write a query that displays the faculties (Fid, Flname, Ffname, Fphone) that teach at location 54 (locid=54) but did not teach at location 53 (locid=53)
14. Write a query that displays the Fid for all faculties that teach at both location 54 and 53. (Use INTERSECT operator).
15. Write a query that displays Sid of all Students that live in city 'Eau Claire' or students enrolled course but had no grade. (Use Union operator).
16. Repeat question 11 but use the NOT IN operator.
17. Repeat question 12 but use the NOT IN operator.
18. Repeat question 14 but use the IN operator.