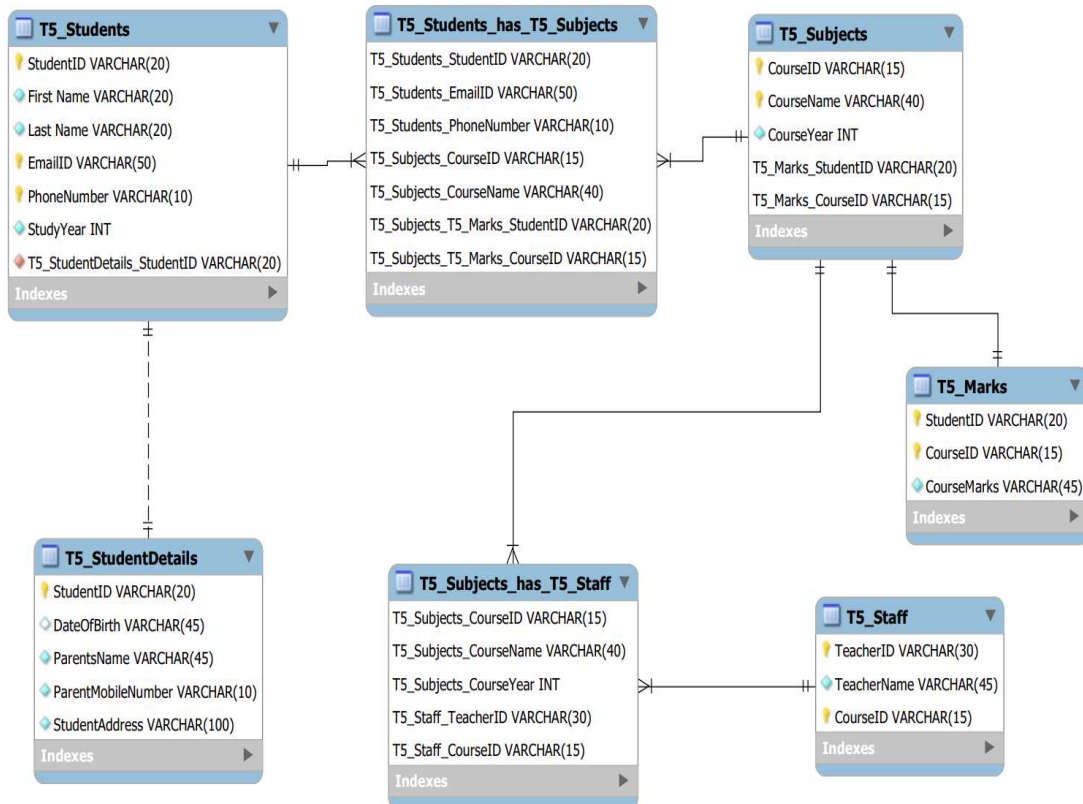


CS210 DBMS LAB ASSIGNMENT-1

NAME: SOMPALLI AJAY KUMAR

REG NO: 19BCS101

Group-5



Weak Entity

The weak entity in DBMS do not have a primary key and are dependent on the parent entity. It mainly depends on other entities.

Strong Entity

The strong entity has a primary key. Weak entities are dependent on strong entity. Its existence is not dependent on any other entity.

From the above ER diagram **Weak entity is T5-Marks**, Because it doesn't contain any primary key. It depends on other tables.

Strong entities are T5_Students, T5_Staff it doesn't depend on any other entities.

A **strong or identifying relationship** is when the primary key of the related entity contains the primary key of the “parent”. Like **T5_Subjects** and **T5_Marks** ; **T5_Subjects** and **T5_Staff**.

- **T5_Students** and **T5_StudentDetails** ; and **T5_Subjects** and **T5_Marks** have **one to one** relation ship.
- **T5_Students** and **T5_Subjects**; **T5_Subjects** and **T5_Staff** has **many to many** relationship.

PK: Primary key
NN: Not Null key
UQ: unique key

[illegible]

