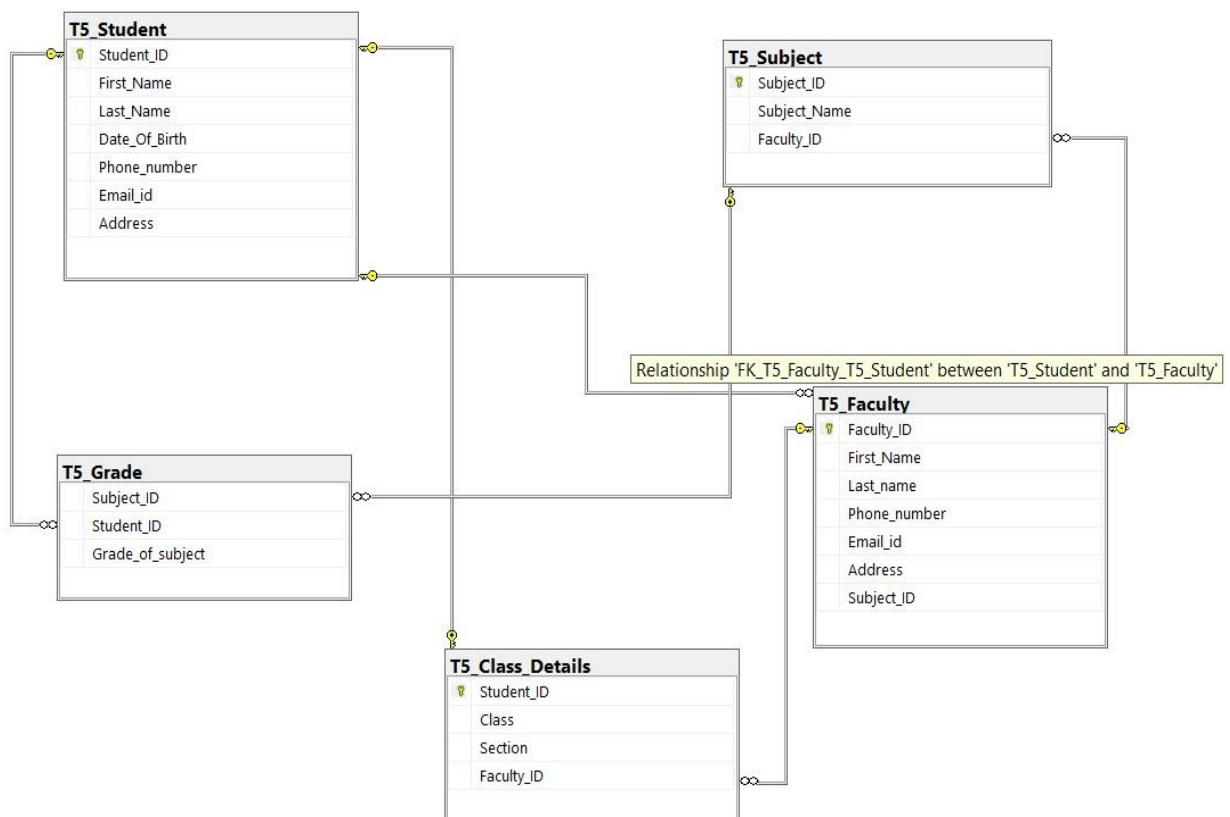


# DBMS Lab Assignment-1

Name:- S.Pranay Sai Teja

Reg.no :- 19BCS102

APTOP-CCC12KUK\...Slab - Diagram\_1



**Weak entity:** The entity which do not have any primary key, cannot be identified on their own and depend on some other entity is known as weak entity.

**Strong entity:** The strong entity has a primary key. Its existence is not dependent on any other entity

From the above ER diagram the weak entity is **T5\_Grade**, Because it doesnt contain any primary key.

The strong entity tables are **T5\_Student**, **T5\_Faculty** , because it doesnt depend on any other tables.

### **Weak relationship:**

Weak Relationships are connections relationship between a weak entity and its owner

So the weak relationship are between

1) T5\_Grade and T5\_Student

and T5\_Subject

**strong relationship:**

A strong, or identifying relationship exists if the primary key of the related entity contains the primary key component of the parent entity.