DBMS Hackathon

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20BCS090

All the relationships in the above ERD diagram are binary relationships. The cardinality of these relationships is as follows:
• Students-Enrollment : One to Many
• Enrollment-Classes: Many to One
• Classes-Staff: Many to One
• Classes-Pool: Many to One
• Classes-Level: Many to One

Degree of these relationships is 6 (Quaternary)

- The only weak entity in this model is 20BCS090_Enrollment.
  This is because it does not have a Primary Key consisting of attributes of its own, but has 2 Foreign Keys taken together as its Primary Key. Therefore, the entity's existence depends on the existence of the other 2 entities.Remaining all entities are strong.
- There is no data redundancy occurring in this model.
- All the tables have the necessary and relevant information stored in them, and where there is a need, foreign keys are made use to reference data in other relations.