

Q4

Enrollment is a weak entity as it does not have any primary key.

Solution

By adding a composite key, to the enrollment key, as (SID, LevelIndex) we can convert it into a Strong entity.

Q5

The storage of the same data in various locations is known as data redundancy.

In this database,

- we have the identical data for SectionID, Semester for a variety of different LessonIndex in the Classes database, resulting in SectionID and SemesterID being repeated again and over. We can get rid of it by creating a new table that handles Lesson Index and making sure that no further abnormalities occur.
- Because data like date, time, and limit may be repeated across numerous subjects, we can construct a separate database to handle these properties.