

**Assumptions and Justifications :**

1. A Faculty member is assigned to only one Department, ensuring clear reporting and management structure.
2. One Department has many Faculties.
3. A Faculty teaches many Students.
4. Many Students can work on many Projects.
5. A Faculty member supervises many Projects.
6. Student belongs to only one Department but can work on multiple Projects.
7. Each Project must be supervised by atleast one Faculty.
8. A Hostel can accomodate multiple Students but each Student can only be assigned to one Hostel.
9. Courses are offered by department and can be taught by multiple faculty members.
10. Avoids redundancy by properly structuring relationships between entities.
11. Foreign keys enforce referential integrity.