Abstract:

1. Create a Student table
2. Create the Subjects table
3. Create the Lecturers table
4. Create Fee structure table
5. Create departments table

Come up with the different fields each of these tables may hold and a Schema diagram.

Need to plan on the Primary key and the Foreign keys.

The association between them to be decided!

Next Steps:

1. Insert records into them
2. To try out “where, distinct, truncate, alter, between, in, Like, having” clauses.
3. Difference between unique and distinct
4. To do some Date operations. In one of the above tables to have a date field!
5. Finally to try out the different join types (Inner, Outer, Left, Right etc)

* **STUDENT TABLE**

Table Student (Student\_ID, Name, year, Department Name, Section, address, Gender, DOB, email Ph Number, Guardian name)

**Primary keys - Student\_ID**

* **SUBJECT TABLE**

Table Subjects (Subject\_ID, Subject name)

**Primary keys** - Subject\_ID, Subject name

* **LECTURE TABLE**

Table lecturers (Lecturer\_ID, Lecturer name, Subject\_ID, Ph number, Gender, Qualification, Department Name, designation, Email)

**Primary keys** - Lecturer\_ID, Subject\_ID

* **FEE TABLE**

Table Fee Structure (Student\_ID, DOB, Name, class, year, Department Name ,section, address, Phone number, Fee, Concession)

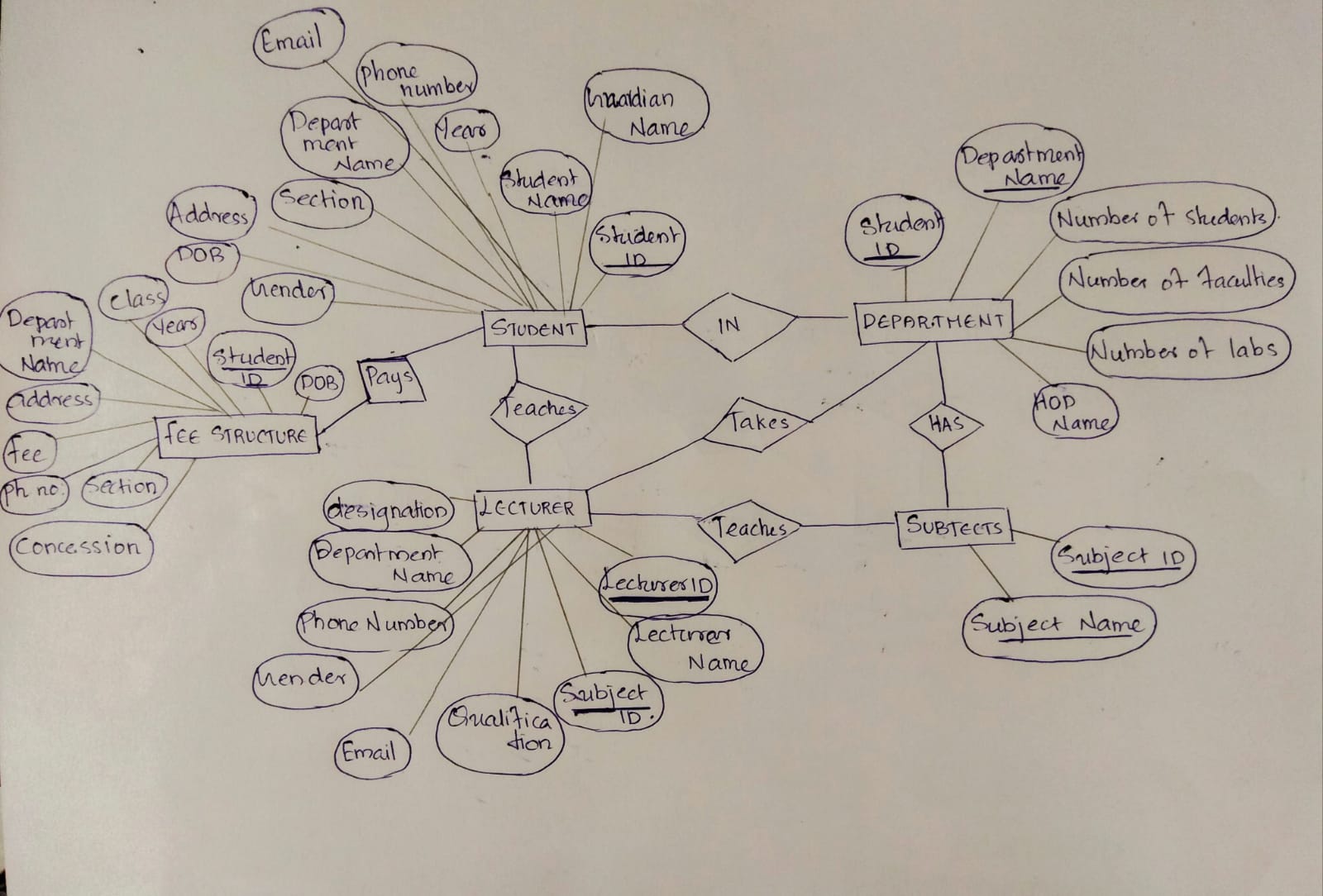
**Primary keys** - Student\_ID

* **DEPARTMENT TABLE**

Table Departments (Student\_ID, Department Name, Number of students, Number of faculties, Number of labs, HOD Name)

**Primary keys** - Student\_ID, Department Name

**ER DIAGRAM**

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