**Entities:**

1. Student
2. Instructor
3. Courses
4. Registered Courses
5. Student Assessment
6. Student Attendance
7. Examination Dates
8. Student Allocation
9. Invigilator Allocation
10. Rooms
11. Departments
12. Examination Result
13. Programs

**Attributes:**

* Student:

1. Student\_id (Primary key)
2. Name
3. Reg\_no
4. Batch
5. Program\_id (Foreign key)

* Instructor:

1. Instructor\_id (Primary key)
2. Instructor\_name

* Courses:

1. Course\_id (Primary key)
2. Course\_name

* Registered Courses:

1. Unique\_id (Primary key)
2. Student\_id (Foreign key)
3. Course\_id (Foreign key)
4. Instructor\_id (Foreign key)
5. Can use a composite key here

* Student Assessment:

1. Unique\_id (Primary key)
2. Student\_id (Foreign key)
3. Quiz\_marks
4. Assignment\_marks
5. Sessional\_1\_marks
6. Sessional\_2\_marks
7. Terminal\_marks

* Student Attendance:

1. Unique\_id (Primary key)
2. Student\_id (Foreign key)
3. Total\_days
4. Total\_present\_days

* Examination Schedule:

1. Exam\_id (Primary key)
2. Course\_id (Foreign key)
3. Room\_id (Foreign key)
4. Exam\_time
5. Exam\_date
6. Exam\_type

* Student Allocation:

1. Student\_id (Foreign key)
2. Exam\_id (Foreign key)
3. Can use a composite key here

* Invigilator Allocation:

1. Instructor\_id (Foreign key)
2. Exam\_id (Foreign key)
3. Can use a composite key here

* Rooms:

1. Room\_id (Primary key)
2. Room\_no
3. Department\_id (Foreign key)

* Departments:

1. Department\_id (Primary key)
2. Department\_name

* Examination Result:

1. Result\_id (Primary key)
2. Student\_id (Foreign key)
3. Exam\_id (Foreign key)
4. Student\_marks

* Programs:

1. Program\_id (Primary key)
2. Program\_name