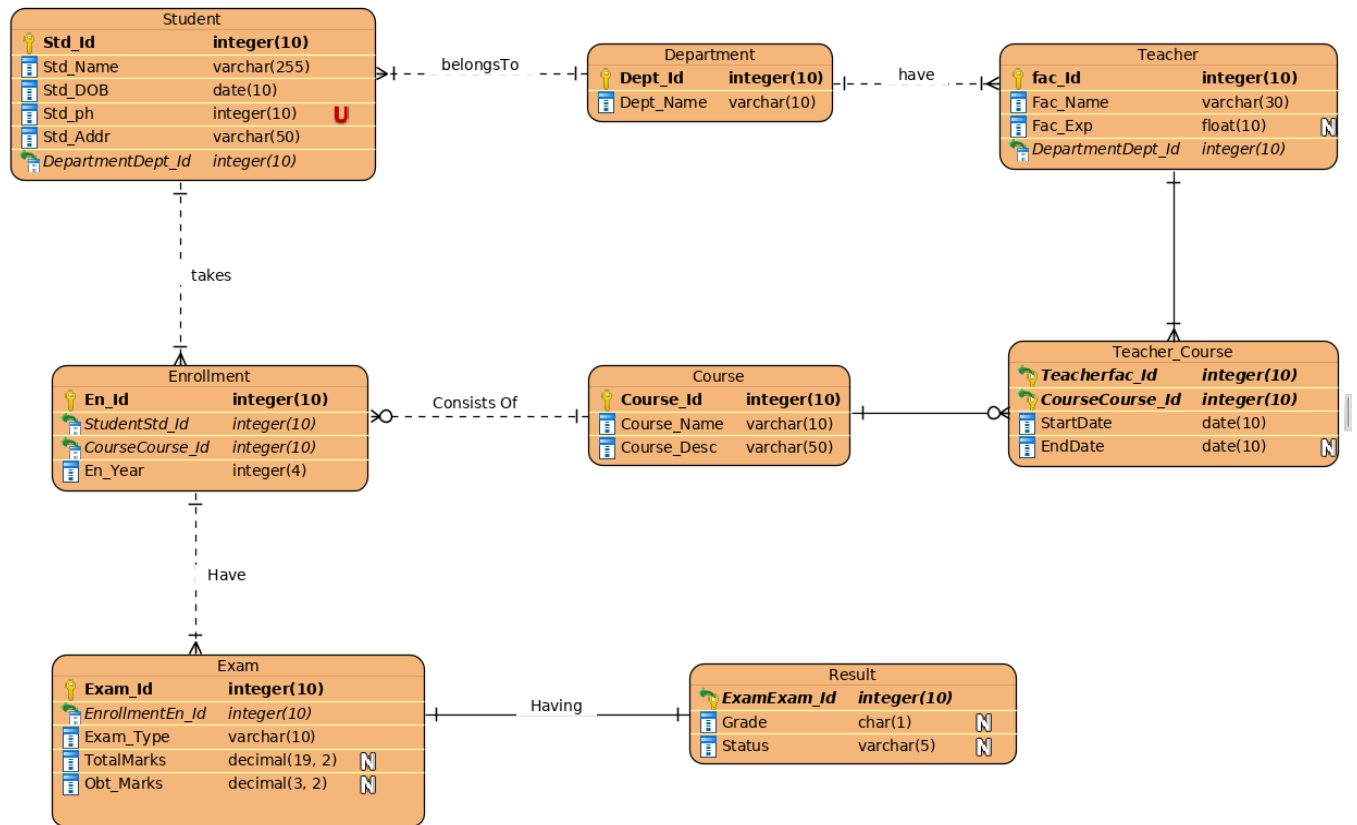


STUDENT DATABASE:

ER Diagram :



Total No. Of tables : 8

```

mysql> SHOW TABLES;
+-----+
| Tables_in_Student |
+-----+
| COURSE             |
| DEPARTMENT         |
| ENROLLMENT         |
| EXAM               |
| FACULTY            |
| RESULT             |
| STUDENT            |
| TEACHES            |
+-----+
8 rows in set (0.00 sec)
    
```

1. Student table

```
mysql> show columns from STUDENT;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Std_Id     | int(10)       | NO   | PRI | NULL    |       |
| Std_Name   | varchar(30)   | NO   |     | NULL    |       |
| Std_DOB    | date          | NO   |     | NULL    |       |
| Std_ph     | int(10)       | YES  | UNI | NULL    |       |
| Std_Addr   | varchar(50)   | NO   |     | NULL    |       |
| Dept_Id    | int(10)       | NO   | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

2. Course table

```
mysql> show columns from COURSE;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Course_Id     | int(10)       | NO   | PRI | NULL    |       |
| Course_Name   | varchar(10)   | NO   |     | NULL    |       |
| Course_Desc   | varchar(50)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

3. Department table

```
mysql> show columns from DEPARTMENT;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Dept_Id    | int(10)       | NO   | PRI | NULL    |       |
| Dept_name  | varchar(10)   | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

4. faculty table

```
mysql> show columns from FACULTY;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Fac_Id     | int(10)       | NO   | PRI | NULL    |       |
| Fac_Name   | varchar(30)   | NO   |     | NULL    |       |
| Fac_Exp    | decimal(2,2)  | YES  |     | NULL    |       |
| Dept_Id    | int(10)       | NO   | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

5. Enrollment table

```
mysql> show columns from ENROLLMENT;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Enr_Id     | int(10)   | NO   | PRI | NULL    |       |
| Std_Id     | int(10)   | NO   | MUL | NULL    |       |
| Course_Id  | int(10)   | NO   | MUL | NULL    |       |
| Enr_year   | int(4)    | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

6. Teaches table

```
mysql> show columns from TEACHES;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Fac_Id     | int(10)   | NO   | MUL | NULL    |       |
| Course_Id  | int(10)   | NO   | MUL | NULL    |       |
| StartDate  | date      | NO   |     | NULL    |       |
| EndDate    | date      | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

7. Exam table

```
mysql> show columns from EXAM;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Exam_Id    | int(10)   | NO   | PRI | NULL    |       |
| Exam_type  | varchar(10) | NO   |     | NULL    |       |
| Total_Marks | int(3)    | YES  |     | NULL    |       |
| Obt_Marks  | decimal(2,2) | YES  |     | NULL    |       |
| Enr_Id     | int(10)   | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

8. Result table

```
mysql> show columns from RESULT;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Exam_Id    | int(10)   | NO   | MUL | NULL    |       |
| Percentage | decimal(4,2) | YES  |     | NULL    |       |
| Status     | varchar(5) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

