**Project Name:**

SCHOOL MANAGEMENT SYSTEM

**Tables:**

**Students:**

|  |  |
| --- | --- |
| SID | INT, Primary key, NOT NULL, Auto Increment |
| Student\_RollNO | INT, NOT NULL, Auto Increment |
| Student\_Fname | VARCHAR(20), NOT NULL |
| Student\_Lname | VARCHAR(20), NOT NULL |
| Student\_Class | VARCHAR(10) NOT NULL |
| Student\_Section | VARCHAR(10) NOT NULL |
| Student\_CNIC | VARCHAR(20) NOT NULL |
| Student\_PhoneNO | VARCHAR(20) NOT NULL |
| Student\_Father\_Name | VARCHAR(40) NOT NULL |
| Student\_Address | VARCHAR(60) NOT NULL |
| Student\_Email | VARCHAR(40), NOT NULL |
| Student\_Passsword | VARCHAR(40), NOT NULL |

**Result:**

|  |  |
| --- | --- |
| SID | INT, Primary key, NOT NULL, Foreign key from Student’s table |
| Test\_Date | DATE, NOT NULL |
| Total\_Marks | INT, NOT NULL |
| Obtain\_Marks | INT, NOT NULL |
| Marks\_Description | VARCHAR(30), NOT NULL (Details of marks: Quizzes, Assignments, Projects, Mid, Final ) |

**Teachers:**

|  |  |
| --- | --- |
| TID | INT, Primary key, NOT NULL, Auto Increment |
| Teacher\_FName | VARCHAR(20), NOT NULL |
| Teacher\_LName | VARCHAR(20), NOT NULL |
| Teacher\_PhoneNO | VARCHAR(20), NOT NULL |
| Teacher\_Address | VARCHAR(60), NOT NULL |
| Teacher\_Qualification | VARCHAR(40) , NOT NULL |
| Teacher\_Exierence | VARCHAR(20) |
| Teacher\_Joining\_Date | DATE, NOT NULL |
| Teacher\_Salary | INT, NOT NULL |
| Teacher\_Courses | VARCHAR(60) |
| Teacher\_Email | VARCHAR(40) , NOT NULL |
| Teacher\_Password | VARCHAR(40) , NOT NULL |
|  |  |

**Courses:**

|  |  |
| --- | --- |
| CID | INT, Primary key, NOT NULL, |
| SID | INT, NOT NULL, Foreign key from Student’s table |
| TID | INT , NOT NULL, Foreign key from Teacher’s table |
| Course\_Title | VARCHAR(20) |
|  |  |
|  |  |

**Attendance:**

|  |  |
| --- | --- |
| SID | INT, NOT NULL, Foreign key from Student’s table |
| TID | INT , NOT NULL, Foreign key from Teacher’s table |
| Class | VARCHAR (10), NOT NULL |
| Section | VARCHAR (10), NOT NULL |
| Attendance\_Status | VARCHAR(20), NOT NULL |
| Attendance\_Date | DATE, NOT NULL |

**Administration:**

This is for see student’s details and also for update and delete student information. This table only for administration not use for other.

|  |  |
| --- | --- |
| AID | INT, Primary key, NOT NULL, |
| Admin\_Fname | VARCHAR(20) |
| Admin\_LName | VARCHAR(20) |
| Admin\_Email | VARCHAR(40) |
| Admin\_Password | VARCHAR(40) |