School Management

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| --- | --- | --- | --- |
| **Auth** | | | |
| **field** | **type** | **null** | **Comment** |
| id | Int |  | Auto\_increment primary key |
| name | Varchar(255) |  |  |
| Email | Varchar(255) |  |  |
| contact | Varchar(255 |  |  |
| photo | Varchar(255 |  |  |
| Username | Varchar(255) | Not null |  |
| Password | Varchar(255) | Not null |  |
| Status | Int(1) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Auth:** Create table auth( id int auto\_increment primary key, name varchar(255), email varchar(255), contact varchar(255), photo varchar(255), username varchar(255), password varchar(255), status int(1), created\_at datetime, created\_by int, updated\_at datetime, updated\_ by int, deleted\_at datetime);

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| --- | --- | --- | --- |
| **Student** | | | |
| **Field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Name | Varchar(255) |  |  |
| Father name | Varchar(255) |  |  |
| Mother name | Varchar(255) |  |  |
| Email | Varchar(255) |  |  |
| Contact | Varchar(255) |  |  |
| Photo | Varchar(255 |  |  |
| **Username** | **Varchar(255)** | **Not null** |  |
| **Password** | **Varchar(255)** | **Not null** |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
| **Student\_details** | | | |
| **Field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Student\_id | Varchar(255) |  |  |
| Class\_id | Int |  |  |
| Section\_id | Int |  |  |
| Roll | int |  |  |
| Group\_id | int |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Student:** Create table student( id int auto\_increment primary key, name varchar(255),father\_name varchar(255), mother\_name varchar(255), email varchar(255), contact varchar(255), photo varchar(255), username varchar(255), password varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_ by int, deleted\_at datetime);

**Student\_details: :** Create table student( id int auto\_increment primary key, student\_id varchar(255), class\_id int, section\_id int , roll int, group\_id int, created\_at datetime, created\_by int, updated\_at datetime, updated\_ by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Teacher** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| name | Varchar(255) |  |  |
| Father name | Varchar(255) |  |  |
| Mother name | Varchar(255) |  |  |
| Email | Varchar(255) |  |  |
| contact | Varchar(255) |  |  |
| Qualification | Varchar(255) |  |  |
| Assigned Class | Int |  |  |
| Joining | Date |  |  |
| Resign | Date |  |  |
| photo | Varchar(255) |  |  |
| Designation\_id | int |  |  |
| Department\_id | int |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Teacher:** Create table teacher( id int auto\_increment primary key, name varchar(255),father\_name varchar(255), mother\_name varchar(255), email varchar(255), contact varchar(255), photo varchar(255), qualification varchar(255), assigned\_class int, joining date, resign date, designation\_id int, department\_id int, created\_at datetime, created\_by int, updated\_at datetime, updated\_ by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Class** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| class | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
|  |  |  |  |

**Class:** Create table class ( id int auto\_increment primary key, class varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| section | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
|  |  |  |  |

**Section:** Create table section ( id int auto\_increment primary key, section varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Group** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| group | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
|  |  |  |  |

**Group:** Create table group ( id int auto\_increment primary key, group varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Designation** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| designation | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
|  |  |  |  |

**Designation:** Create table designation ( id int auto\_increment primary key, designation varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Department** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| department | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
|  |  |  |  |

**Department:** Create table department ( id int auto\_increment primary key, department varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime;

|  |  |  |  |
| --- | --- | --- | --- |
| **Session** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| session | Varchar(255) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
|  |  |  |  |

**Session:** Create table session ( id int auto\_increment primary key, session varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Student\_Attendance** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Student\_id | Int |  |  |
| Att\_date | Date |  |  |
| In\_time | Time |  |  |
| Out\_time | Time |  |  |
| Note | Text |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
| **Teacher\_Attendance** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| teacher\_id | Int |  |  |
| Att\_date | Date |  |  |
| In\_time | Time |  |  |
| Out\_time | Time |  |  |
| Note | Text |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**S-Attandence:** Create table student\_attendance ( id int auto\_increment primary key, student\_id int, att\_date date, in\_time time, out\_time time, note text, created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

**T-** Create table teacher\_attendance ( id int auto\_increment primary key, student\_id int, att\_date date, in\_time time, out\_time time, note text, created\_at datetime, created\_by int, updated\_at datetime, updated­\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Subject** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Subject\_name | Varchar(255) |  |  |
| Subject\_type | Int |  | 0 is main, 1 is optional |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |
|  |  |  |  |

**Subject:** Create table subject ( id int auto\_increment primary key, subject\_name varchar(255), subject\_type int, created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Class\_Routine** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Subject\_id | Varchar(255) |  |  |
| Teacher\_id | Int |  |  |
| Day\_name | Int |  |  |
| Period | Int |  |  |
| Class\_id | Int |  |  |
| Section\_id | Int |  |  |
| Group\_id | Int |  |  |
| Session\_id | Int |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Rution:** Create table class\_routine ( id int auto\_increment primary key, subject\_id varchar(255), teacher\_id int, day\_name int, period int, class\_id, section\_id int, group\_id int, session\_id int, created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Class\_Subject** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Subject\_id | Varchar(255) |  |  |
| Class\_id | Int |  |  |
| Group\_id | Int |  |  |
| Session\_id | Int |  |  |
| Sub | Decimal(5,2) |  |  |
| Obj | Decimal(5,2) |  |  |
| prac | Decimal(5,2) |  |  |
| Pass\_marks | Decimal(5,2) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Class\_subject:** Create table class\_subject (( id int auto\_increment primary key, subject\_id varchar(255), class\_id int, group\_id int, session\_id int, sub decimal(5,2), obj decimal(5,2), prac decimal(5,2), pass\_marks decimal(5,2), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Student\_marks** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Subject\_id | Varchar(255) |  |  |
| student\_id | Int |  |  |
| Class\_id | Int |  |  |
| Section\_id | Int |  |  |
| Group\_id | Int |  |  |
| Session\_id | Int |  |  |
| Total\_marks | Decimal(5,2) |  |  |
| Pass\_marks | Decimal(5,2) |  |  |
| Sub | Decimal(5,2) |  |  |
| Obj | Decimal(5,2) |  |  |
| prac | Decimal(5,2) |  |  |
| gp | Decimal(5,2) |  |  |
| gpl | Varchar(255) |  |  |
| Pass\_status | int |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Class\_subject:** Create table class\_subject ( id int auto\_increment primary key, subject\_id varchar(255), student\_id int, class\_id int, group\_id int, session\_id int, total\_marks decimal(5,2), pass\_marks decimal(5,2), sub decimal(5,2), obj decimal(5,2), prac decimal(5,2), gp decimal(5,2), gpl varchar(255), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Fees\_category** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| name | Varchar(255) |  |  |
| type | Int |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Fees\_catagory:** Create table fees\_category ( id int auto\_increment primary key, name varchar(255), type int, created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **Class\_Fees\_setting** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Fees\_id | Varchar(255) |  |  |
| Session\_id | Int |  |  |
| Class\_id | Int |  |  |
| Group\_id | Int |  |  |
| Amount | Decimal(10,2) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Class fees setting:** Create table class\_fees\_setting ( id int auto\_increment primary key, fees\_id varchar(255), session\_id int, class\_id int, group\_id int, amount decimal(10,2), created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **student\_Fees** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| student\_id | int |  |  |
| Session\_id | Int |  |  |
| Class\_id | Int |  |  |
| Group\_id | Int |  |  |
| Amount | Decimal(10,2) |  |  |
| Discount | Decimal(10,2) |  |  |
| Fees\_date | Date |  |  |
| Due | Decimal(10,2) |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Students\_fees:** Create table student\_fees( id int auto\_increment primary key, subject\_id varchar(255), class\_id int, group\_id int, session\_id int, amount decimal(10,2),discount decimal(10,2), fees\_date date, due decimal(10,2), created\_at datetime, created\_by int, updated\_at datetime, updated\_ by int, deleted\_at datetime);

|  |  |  |  |
| --- | --- | --- | --- |
| **student\_Fees\_details** | | | |
| **field** | **type** | **null** | **Comment** |
| Id | Int |  | Auto\_increment primary key |
| Student\_fees\_id | int |  |  |
| fees\_id | int |  |  |
| Amount | Decimal(10,2) |  |  |
| Fees\_date | Date |  |  |
| Created\_at | Datetime |  |  |
| Created\_by | int |  |  |
| Updated\_at | Datetime |  |  |
| Updated\_by | int |  |  |
| Deleted\_at | Datetime |  |  |

**Students\_fees\_details:** Create table student\_fees\_details( id int auto\_increment primary key, student\_fees\_id int,fees\_id int, amount decimal(10,2), fees\_date date, created\_at datetime, created\_by int, updated\_at datetime, updated\_by int, deleted\_at datetime);