

# TABLE DESIGN

## 1. Table name: Login

Description: login details

Primary key: loginid

Field name	Data type	Constraints
Loginid	Varchar(8)	Primary key, auto, not null
Email	varchar(20)	Not null, unique
Password	Int(12)	Not null
User type	Int(2)	Not null
Status	Varchar(10)	Not null

## 2. Table name: student

Description: student details

Primary key: studid

Field name	Data type	Constraints
Studid	Int(4)	Primarykey,auto,notnull
stud name	Varchar(35)	Not null

Dob	Date	Not null
Doj	Date	Not null
Gender	Varchar(10)	Not null
Address	Varchar(35)	Not null
Guardian	Varchar(25)	Not null
Phone no	Varchar(12)	Not null
Mobile no	Varchar(12)	Not null
Proof	Varchar(40)	Not null
Class	Varchar(10)	Not null

### 3. Table name: Staff

Description: Staff details

Primary key: staffid

Field name	Data type	Constraints
Staffed	Int	Primary key,auto,not null
Staff name	Varchar(20)	Not null
Phone no	Varchar(12)	Not null
Doj	Date	Not null
Address	Varchar(30)	Not null
Mobile	Varchar(12)	Not null
Loginid	Varchar(8)	Foreign key, Not null
Hrrate	Int	Not null
Sub name	Varchar(25)	Not null
Experience	Varchar(50)	Not null
Proof	Varchar(30)	Not null
Status	Varchar(25)	Not null

4. Table name: Attendance

Description: student attendance

Primary key: attnid

Field name	Description	Constraints
Attnid	Int	Primary key, Not null, auto
Studid	Int	Not null
Date	Date	Not null
Classid	Int	Foreign key, Not null
Subid	Varchar(10)	Foreign key, Not null

5. Table name: class

Description: class details

Primary key: classid

Field name	Data type	Constraints
Classid	Int	Primary key, auto, not null
Class name	Varchar(10)	Not null

6. Table name: District

Description: district details

Primary key: distid

Field name	Data type	Constraints
distid	Int	Primary key,auto,not null
District	Varchar(20)	Not null

7. Table name: state

Description: state details

Primary key: statid

Field name	Data type	Constraints
Statid	Int	Primary key, not null, auto
State	Varchar(20)	Not null

8. Table name: subject

Description: subject details

Primary key: subid

Field name	Description	Constraints
Subid	Varchar(10)	Primary key, not null, auto
Sub name	Varchar(20)	Not null
Class id	Varchar(10)	Foreign key, not null
year	int	Not null

9. Table name: subjects

Description: sub category of students subjects

Primary key: subcatid

Field name	Data type	constraints
Studid	Int	Foreign key, not null
Subid	Varchar(10)	Foreign key, not null

10. Table name: mark

Description: mark details

Primary key: markid

Field name	Data type	Constraints
Markid	Int	Primary key,auto,not null
Classid	Int	Foreign key, not null
Subid	Varchar(10)	Foreign key, not null
Studid	Int	Foreign key, not null
Mark obtained	Int	not null
Marks out of	Int	not null
date	date	not null

11. Table name: payment

Description: student payment

Primary key: pay id

Field name	Data type	Constraints
Pay id	Varchar(10)	Primary key,auto,not null
Studid	Int	Foreign key, not null
Month	Varchar(5)	Not null
Fee	Int	Not null
Receipt no	Varchar(10)	Not null
Bank id	Varchar(10)	Foreign key, not null

12. Table name: salary

Description: staff salary

Primary key: salid

Field name	Data type	Constraints
salid	Varchar(10)	Primary key,auto,not null
Staff id	Int	Foreign key , not null
Working hours	int(10)	Not null
Date	date	Not null
BP	Int(5)	Not null
DA	Int(5)	not null
HRA	Int(5)	not null
Total salary	Int(8)	Not null
Bank id	Varchar(10)	Foreign key, not null

13. Table name: attendance

Description: staff attendance

Primary key: stadid

Field name	Data type	Constraints
Stadid	Int	Primary key, not null, auto
Staffid	Int	Foreign key, not null
Classid	Int	Foreign key, not null
Subid	Varchar(10)	Foreign key, not null
Date	Date	Not null
hrs	int	Not null

14. Table name: leave

Description: student leave

Primary key: leaveid

Field name	Data type	Constraints
Leave id	Varchar(10)	Primary key, not null, auto
Stud id	Int	Foreign key, not null
No of days	Int	Not null
Date	Date	Not null
Reason	Varchar(10)	Not null
Session	Varchar(4)	Not null
Status	Varchar(10)	Not null

15. Table name: sleave

Description: staff leave

Primary key: slid

Field name	Data type	Constraints
slid	Varchar(10)	Primary key, not null, auto
Staff id	Int	Foreign key, not null
No of days	Int	Not null
Date	Date	Not null
Alt sub	Varchar(10)	Not null
Reason	Varchar(10)	Not null
Session	Varchar(4)	Not null
Status	Varchar(10)	Not null

16. Table name: notify

Description: notification details

Primary key: notifid

Field name	Data type	Constraints
Notifid	Int	Primary key, auto, not null
Message	Varchar(20)	Not null
Date, time	Timestamp	Not null
status	Varchar(10)	Not null

17. Table name: bank

Description: bank details

Primary key: bankid

Field name	Data type	Constraints
Bankid	Varchar(10)	Primary key, auto, not null
Name	Varchar(20)	Not null
Branch	Varchar(20)	Not null
Account no	Varchar(10)	Unique, not null



18. Table name: bonus

Description:bonus details

Primary key: bonusid

Field name	Data type	Constraints
bonusid	Int	Primary key, auto, notnull
Stud id	Int	Foreign key, not null
Bonus	Int	Not null
Date	date	Not null