

# SCHOOL MANAGEMENT SYSTEM

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# Certificate

This is to certify that the project entitled "School Management system" is a bonafide report of the work carried out by :

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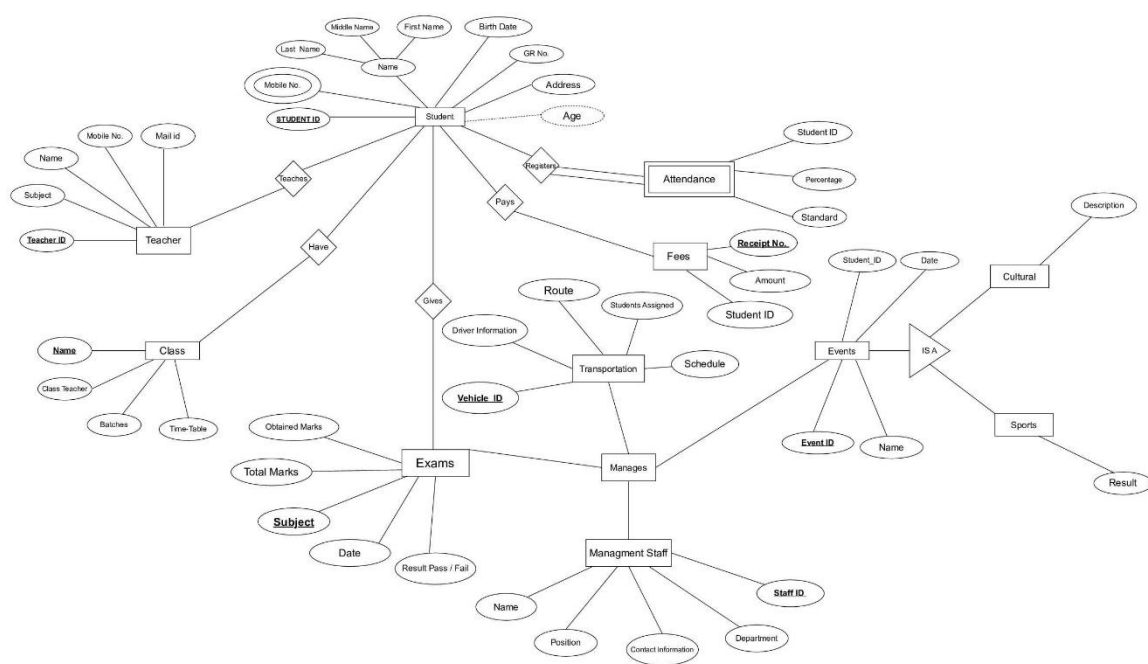
# 1.SYSTEM OVERVIEW

- The School Management Database is a comprehensive software solution designed to streamline and enhance the administrative tasks and academic processes within educational institutions. It serves as a centralized platform for managing student information, academic records, staff details, financial transactions, and various other aspects of school operations.
- The system maintains detailed profiles for each student, including personal details, contact information, academic history, attendance records, disciplinary actions, and health records. It allows administrators to efficiently track and update student information throughout their educational journey.
- The database maintains records of faculty members, administrative staff, and support personnel. It stores employee profiles, qualifications, employment history, and facilitates payroll management.
- In conclusion, the School Management Database model offers numerous advantages that contribute to the overall effectiveness and success of educational institutions by optimizing processes, enhancing communication, and facilitating data-driven decision-making.

## Advantages

1. **Centralized Data Management:** All student, staff, and academic information are stored in a centralized database, eliminating the need for multiple disparate systems. This centralized approach improves data accuracy, reduces redundancy, and enhances data integrity.
2. **Improved Administrative Efficiency:** Automation of routine administrative tasks such as admissions, enrollment, attendance tracking, and financial management streamlines processes and reduces manual workload for school administrators and staff. This allows them to focus more on strategic tasks and student support.
3. **Enhanced Communication:** Integrated communication tools facilitate seamless communication between stakeholders, including students, parents and teachers

## 2. ENTITY-RELATIONSHIP MODEL



### 3. RELATIONAL SCHEMA

## SCHOOL MANAGEMENT SYSTEM

**Student** (Student ID , Name, G.R. No., Address, Birth Date, Age, C\_Name,Event\_ID )

**Teacher** (Teacher ID , T\_Name, Mobile No, Mail id, Subjects)

**Class** (C\_Name, Class Teacher, Time\_Table, Batches)

**Fees** (Receipt No. , Amount, Student ID)

**Attendance** ( Attendance\_ID , Percentage, Student\_ID)

**Management Staff** (Staff ID , Name, Contact Information, Department , Position, Staff ID)

**Exams** (Subjects , Date , Total Marks, Obtained Marks, Result Pass/Fail, Student ID)

**Transportation** (Vehicle ID , Driver Information, Route , Students Assigned, Schedule)

**Eventt** (Event ID, Name , Date , Student\_ID )

**CulturalEvent** (Event\_ID , Descriptin )

**Sports** ( Event\_ID,Result)

**teaches** (t\_id,Student Id, Teacher Id)

**Mobile\_No**(mobile\_no,Whatsapp\_no,Student\_ID)

**Manages**(M\_id, Subjects , Staff\_ID , Event\_ID , Vehicle\_ID)

## 4. Data Dictionary

### 1.student

#	Field	Schema	Table	Type
1	Student_ID	project	students	VARCHAR
2	Student_Name	project	students	VARCHAR
3	Date_Of_Birth	project	students	DATE
4	G_R_Number	project	students	INT
5	Address	project	students	VARCHAR

### 2.Teachers

#	Field	Schema	Table	Type
1	Tid	project	teachers	VARCHAR
2	Tname	project	teachers	VARCHAR
3	Mail_id	project	teachers	VARCHAR
4	Subject	project	teachers	VARCHAR
5	Mobile_no	project	teachers	DECIMAL

### 3. Classs

#	Field	Schema	Table	Type
1	Class_Name	project	classs	VARCHAR
2	Class_Tname	project	classs	VARCHAR
3	Time_Table	project	classs	VARCHAR
4	Batched	project	classs	DECIMAL

### 4. Fees

#	Field	Schema	Table	Type
1	Recepit_No	project	fees	DECIMAL
2	Amount	project	fees	DECIMAL
3	Student_id	project	fees	VARCHAR

## 5. attendance

#	Field	Schema	Table	Type
1	Attendance_id	project	attendance	VARCHAR
2	Per	project	attendance	VARCHAR
3	Student_ID	project	attendance	VARCHAR

## 6. Management Staff

#	Field	Schema	Table	Type
1	StaffId	project	management_staff	DECIMAL
2	Sname	project	management_staff	VARCHAR
3	ContactInfo	project	management_staff	DECIMAL
4	Department	project	management_staff	VARCHAR
5	Position	project	management_staff	VARCHAR

## 7. exams

#	Field	Schema	Table	Type
1	SUBJECTS	project	exams	VARCHAR
2	Student_ID	project	exams	VARCHAR
3	DATE	project	exams	DATE
4	total_marks	project	exams	DECIMAL
5	obtained_marks	project	exams	DECIMAL
6	result	project	exams	VARCHAR

## 8. transportation

#	Field	Schema	Table	Type
1	Vehicle_ID	project	transportation	VARCHAR
2	Driver_Information	project	transportation	VARCHAR
3	Route	project	transportation	VARCHAR
4	Students_Assigned	project	transportation	DECIMAL
5	Schedul	project	transportation	VARCHAR



## 9. EVENTT

#	Field	Schema	Table	Type
1	E_ID	project	eventt	VARCHAR
2	Ename	project	eventt	VARCHAR
3	DATE	project	eventt	DATE
4	Student_ID	project	eventt	VARCHAR

## 11. sports

#	Field	Schema	Table	Type
1	E_ID	project	sports	VARCHAR
2	RESULT	project	sports	VARCHAR

## 12. Mobile\_No

#	Field	Schema	Table	Type
1	Mobile_No	project	mobile_no	DECIMAL
2	Whatsapp_No	project	mobile_no	DECIMAL
3	Student_id	project	mobile_no	VARCHAR

## 13. Manages

#	Field	Schema	Table	Type
1	Manages_id	project	manages	VARCHAR
2	StaffId	project	manages	DECIMAL
3	Vehicle_ID	project	manages	VARCHAR
4	SUBJECTS	project	manages	VARCHAR
5	E_ID	project	manages	VARCHAR

## 14. Teaches

#	Field	Schema	Table	Type
1	teaches_id	project	teaches	DECIMAL
2	Student_ID	project	teaches	VARCHAR
3	Tid	project	teaches	VARCHAR

# DATA IMPLEMENTATION

## SCHEMA

### **1.student**

```
create table Students(  
Student_ID varchar(5) NOT NULL,  
Student_Name varchar(25) NOT NULL,  
Date_Of_Birth Date ,  
G_R_Number integer ,  
Address varchar(50),  
primary key(Student_ID) ,  
unique(G_R_Number)  
);
```

### **2.Teachers**

```
create TABLE Teachers(  
    Tid varchar(10) Primary key,  
    Tname varchar(30),  
    Mail_id varchar(40),  
    Subject varchar(20),  
    Mobile_no numeric(10),
```

UNIQUE(mobile\_no,mail\_id) );

### **3. Classs**

```
create TABLE Classs(  
    Class_Name varchar(10) Primary key,  
    Class_Tname varchar(30),  
    Time_Table varchar(40),  
    Batched numeric(5)  
);
```

### **4. Fees**

```
Create Table Fees(  
    Receptit_No numeric(6) PRIMARY KEY,  
    Amount numeric,  
    Student_id varchar(5) NOT NULL,  
    FOREIGN KEY (Student_id) references Students(Student_ID)  
);
```

### **5. attendance**

```
-- CREATE TABLE attendance (  
    Attendance_id VARCHAR(10) PRIMARY KEY,  
    Per VARCHAR(30),  
    Student_ID VARCHAR(10),  
    FOREIGN KEY(Student_ID)REFERENCES STUDENTS(Student_ID));
```

## **6. Management Staff**

```
CREATE TABLE Management_Staff (  
  StaffId numeric PRIMARY KEY,  
  Sname VARCHAR(40),  
  ContactInfo numeric,  
  Department varchar(50),  
  Position varchar(50));
```

## **7.exams**

```
CREATE TABLE exams (  
  SUBJECTS varchar(10) ,  
  Student_ID VARCHAR(10),  
  DATE date,  
  total_marks NUMERIC,  
  obtained_marks NUMERIC,  
  result VARCHAR(10),  
  FOREIGN KEY (Student_ID)references Students(Student_ID),
```

## **8. transportation**

```
CREATE TABLE TRANSPORTATION(  
  Vehicle_ID VARCHAR(5) PRIMARY KEY,  
  Driver_Information VARCHAR(25),  
  Route varchar(25),
```

Students\_Assigned NUMERIC(2),  
Schedul VARCHAR(20));

## **9. EVENTT**

```
CREATE TABLE EVENTT(E_ID VARCHAR(40) ,  
Ename VARCHAR(50),  
DATE date,  
Student_ID VARCHAR(10),  
FOREIGN KEY (Student_ID)references Students(Student_ID) ,  
PRIMARY KEY(E_ID,Student_ID));
```

## **10. Culturaleventt**

```
CREATE TABLE Culturaleventt(  
E_ID VARCHAR(10) PRIMARY KEY,  
description VARCHAR(55));
```

## **11. sports**

```
CREATE TABLE sports(  
E_ID VARCHAR(10),  
RESULT VARCHAR(50));
```

## **12. Mobile\_No**

```
CREATE TABLE Mobile_No(  
Mobile_No NUMERIC(10),  
Whatsapp_No NUMERIC(10),  
Student_id VARCHAR(5),  
FOREIGN KEY (Student_id) references Students(Student_ID));
```

## **13. Manages**

```
create TABLE Manages(  
Manages_id VARCHAR(5) PRIMARY KEY,  
StaffId NUMERIC,  
Vehicle_ID VARCHAR(5),  
SUBJECTS VARCHAR(15),  
E_ID VARCHAR(5),  
FOREIGN KEY (StaffId) references Management_Staff(StaffId),  
FOREIGN KEY (Vehicle_ID) references TRANSPORTATION(Vehicle_ID),  
FOREIGN KEY (E_ID) references EVENTT(E_ID),  
FOREIGN KEY (SUBJECTS) references exams(SUBJECTS)  
);
```

## 14. Teaches

```
CREATE TABLE Teaches (  
  teaches_id numeric PRIMARY KEY,  
  Student_ID varchar(5) NOT NULL ,  
  Tid varchar(10),  
  FOREIGN KEY (Tid) REFERENCES Teachers (Tid) ,  
  FOREIGN KEY (Student_ID) REFERENCES Students(Student_ID));
```

# DATA INSERTION

## 1.student

insert into Students values

('S\_101','Ghanshyam Pandey','2005-05-08',1935,'Harikrishn App. Near Bustation Nadiad'),

('S\_102','Harsh Patel','2005-03-18',1936,'Ram Bangloes Near Railway Station Nadiad'),

('S\_103','Subh Parikh','2004-04-08',2058,'Tulsi App. College Road Nadiad'),

('S\_104','Sakshi Desai','2003-05-18',1937,'Tulip App. College Road Ananad'),

('S\_105','Raj Pathak','2004-05-18',1938,'RAJ Bangloes College Road Nadiad'),

('S\_106','Aryan Dhaduk','2006-03-19',1939,'Dhaduk Villa Uttarsanda Road Nadiad'),

('S\_107','Jinal Rathod','2002-05-18',1862,'Caspia App. Road Nadiad'),

('S\_108','Manish Hansora','2004-04-16',1940,'Akshar App. Uttarsanda Road Nadiad'),

('S\_109','Prexa Zala','2006-12-15',1941,'Dhvani App. College Road Nadiad'),

('S\_110','Nayan Thakkar','2004-07-24',1942,'Royal Care College Road Vadodara'),

('S\_111','Tisha Dave','2007-10-10',1943,'Tulip App. College Road Nadiad'),



('S\_112','Dilip Desai','2006-10-12',1944,'Desai Nivas Near Vaniyavad circle Nadiad'),

('S\_113','Akshar Joshi','2002-08-10',1945,'Joshi Nivas Uttarsanda Road Nadiad'),

('S\_114','Binal Yadav','2004-11-10',1752,'Tridev App. College Road Anand'),

('S\_115','Saurav Thesiya','2006-11-01',1396,'Akshar Nivas College road Nadiad'),

('S\_116','Umang Joshi','2009-12-03',2006,'Ravi Bangloes Uttarsanda Road Nadiad'),

('S\_117','Chirag Shah','2007-11-10',1946,'Ridhhi App. College Road Nadiad'),

('S\_118','Dilip Jadeja','2007-01-13',1976,'Radhe Shyam App. College Road Nadiad'),

('S\_119','Jay Solanki','2002-05-07',1947,'Raj app. Near Bus station Nadiad'),

('S\_120','Rajshree Gandhi','2008-06-30',2003,'Radhe-Krishna Residency Nadiad'),

('S\_121','Janki Agrwal','2000-12-07',2022,'Agrwal Palace Vaniyavad Circle Nadiad'),

('S\_122','Yashvi Dobariya','2002-12-08',1948,'Shyam App. Vaniyavad Circle Ahmedabad'),

('S\_123','Nishant Patel','2009-11-12',1949,'Raj App. Vaniyavad Circle Nadiad'),

('S\_124','Disha Sinha','2001-02-07',1722,'Raj App. Vaniyavad Circle Anand'),

('S\_125','Zarna Pandey','2004-03-08',1522,'Shyam Villa Vaniyavad Circle Nadiad'),

('S\_126','Mansi Rathod','2002-01-31',1950,'Akash App. Vaniyavad Circle Nadiad'),

('S\_127','Hetali Suhagiya','2001-07-07',1322,'Vikas App. Vaniyavad Circle Nadiad'),

('S\_128','Chetna Patel','2008-09-08',1951,'Shriji Nivas Vaniyavad Circle Nadiad'),

('S\_129','Jeet Vasoya','2009-04-25',1652,'Akshar App. Vaniyavad Circle Vadodara'),

('S\_130','Isha Dholakiya','2006-09-25',1952,'Akshar App. Uttarsanda Road Nadiad'),

('S\_131','Vikas Rajpal','2007-06-19',1953,'Akash App. Vaniyavad Circle Ahmedabad'),

('S\_132','Palak Joshi','2009-06-18',2032,'Radhe-Krishna Residency Nadiad'),

('S\_133','Om Singhaniya','2004-07-12',1563,'Govind Residency Anand'),

('S\_134','Utsav Mishra','2002-08-16',1635,'Mitram Residency Nadiad'),

('S\_135','Falguni Mishra','2009-06-18',1636,'Mitram Residency Nadiad');

SELECT \*FROM Students;

## 2. Teachers

Insert into Teachers Values

('T101','Savitribai Phule','savitriphule101@gmail.com','D.A.A',8770364706);

Insert into Teachers Values('T102','Anand Kumar','anandkumar@gmail.com','D.A.A',9400718933);

Insert into Teachers Values('T103','HC Verma','hcverma103@gmail.com','C.C.N',9761738304);

Insert into Teachers Values('T104','Vikas Divyakriti','vikasdivyakriti104@gmail.com','M.P.I',9873063100);

Insert into Teachers Values('T105','Alakh Pandey','alakhpandey105@gmail.com','C.C.N',8147300337);

Insert into Teachers Values('T106','Babar Ali','babarali106@gmail.com','M.P.I',9333033319);

Insert into Teachers Values('T107','Sandeep Desai','sandeepdesai107@gmail.com','D.B.M.S',9899704453);

Insert into Teachers Values('T108','Rajesh Kumar Sharma','rajeshkumarsharma108@gmail.com','D.B.M.S',9466022970);

;

Insert into Teachers Values('T109','Madhavi Goswami','madhavigoswami109@gmail.com','D.M',9971009321);

Insert into Teachers Values('T110','Chanakya','chanakya110@gmail.com','D.M',9811265265);

### **3.Classes**

Insert into Classs Values('A','Anand Kumar','TT1','3');

Insert into Classs Values('B','HC Verma','TT2','3');

Insert into Classs Values('C','Babar Ali','TT3','4');

Insert into Classs Values('D','Sandeep Desai','TT4','4');

Insert into Classs Values('E','Chanakya','TT5','3');

## **4.Fees**

```
Insert Into Fees Values(123456,45000,'S_105');
Insert Into Fees Values(123457,35000,'S_106');
Insert Into Fees Values(223456,15000,'S_107');
Insert Into Fees Values(123856,120000,'S_109');
Insert Into Fees Values(123756,65000,'S_113');
Insert Into Fees Values(363456,20000,'S_115');
Insert Into Fees Values(523456,42000,'S_117');
Insert Into Fees Values(123696,46000,'S_119');
Insert Into Fees Values(923456,35000,'S_120');
Insert Into Fees Values(120456,63000,'S_122');
Insert Into Fees Values(153456,32000,'S_124');
Insert Into Fees Values(123459,33000,'S_125');
Insert Into Fees Values(453456,50000,'S_127');
Insert Into Fees Values(263456,53000,'S_129');
Insert Into Fees Values(323456,42000,'S_130');
Insert Into Fees Values(653456,42000,'S_134');
Insert Into Fees Values(30021,42000,'S_118');
```

## **5.attendence**

```
INSERT INTO attendence VALUES('A_1','20%','S_101');
INSERT INTO attendence VALUES('A_2','15%','S_102');
INSERT INTO attendence VALUES('A_3','59%','S_103');
```

```

INSERT INTO attendance VALUES('A_4','100%','S_104');
INSERT INTO attendance VALUES('A_5','40%','S_105');
INSERT INTO attendance VALUES('A_6','70%','S_106');
INSERT INTO attendance VALUES('A_7','80%','S_107');
INSERT INTO attendance VALUES('A_8','90%','S_108');
INSERT INTO attendance VALUES('A_9','60%','S_109');
INSERT INTO attendance VALUES('A_10','90%','S_110');
INSERT INTO attendance VALUES('A_11','88%','S_111');
INSERT INTO attendance VALUES('A_12','100%','S_112');
INSERT INTO attendance VALUES('A_13','70%','S_113');
INSERT INTO attendance VALUES('A_14','67%','S_114');
INSERT INTO attendance VALUES('A_15','59%','S_115');
INSERT INTO attendance VALUES('A_16','79%','S_116');
INSERT INTO attendance VALUES('A_17','68%','S_117');
INSERT INTO attendance VALUES('A_18','89%','S_118');
INSERT INTO attendance VALUES('A_19','69%','S_119');
INSERT INTO attendance VALUES('A_20','57%','S_120');
INSERT INTO attendance VALUES('A_21','70%','S_121');
INSERT INTO attendance VALUES('A_22','69%','S_122');
INSERT INTO attendance VALUES('A_23','42%','S_123');
INSERT INTO attendance VALUES('A_24','89%','S_124');
INSERT INTO attendance VALUES('A_25','54%','S_125');
INSERT INTO attendance VALUES('A_26','90%','S_126');
INSERT INTO attendance VALUES('A_27','85%','S_127');

```

```

INSERT INTO attendance VALUES('A_28','79%','S_128');
INSERT INTO attendance VALUES('A_29','59%','S_129');
INSERT INTO attendance VALUES('A_30','70%','S_130');
INSERT INTO attendance VALUES('A_31','91%','S_131');
INSERT INTO attendance VALUES('A_32','72%','S_132');
INSERT INTO attendance VALUES('A_33','55%','S_133');
INSERT INTO attendance VALUES('A_34','63%','S_134');
INSERT INTO attendance VALUES('A_35','93%','S_135');

```

## 6.Management\_Staff

```

INSERT INTO Management_Staff VALUES('1','Om
Unadkat','9428985435','Fees','Head');

INSERT INTO Management_Staff VALUES('2','Kuldip
Vaghasiya','9428985431','Fees','Primary');

INSERT INTO Management_Staff VALUES('3','Nayan
Thacker','9428985432','Fees','HigherSecndory');

INSERT INTO Management_Staff VALUES('4','Khushi
Zalavadiya','9428985433','sports','Head');

INSERT INTO Management_Staff VALUES('5','Vidhi
Kothia','9428985434','Sports','Primary');

INSERT INTO Management_Staff VALUES('6','Maitri
Zalavadiya','9428985415','sports','HigherSecndory');

INSERT INTO Management_Staff VALUES('7','Manshi
Zalavadiya','9428985425','cultural','Head');

INSERT INTO Management_Staff VALUES('8','Vinit
Zalavadiya','9428985465','Educational','Head');

```

```

INSERT INTO Management_Staff VALUES('9','Akshay
Patel','9428985035','Educational','Primary');

INSERT INTO Management_Staff VALUES('10','Piyu
Varmora','9428980435','Educational','HigherSecndory');

INSERT INTO Management_Staff VALUES('11','Uday
Kanani','9428980435','Exam','Head');

INSERT INTO Management_Staff VALUES('12','Ankita
kamani','9428085435','Exam','HigherSecndory');

INSERT INTO Management_Staff VALUES('13','Ankit
kamani','9408985435','RulesRegulation','Head');

INSERT INTO Management_Staff VALUES('14','Devin
javia','9400985435','Health','Head');

INSERT INTO Management_Staff VALUES('15','Devin
Javia','9411985435','Classroom Management','Head');

```

## **7.exams**

```

INSERT INTO exams VALUES ('D.M','S_101','2024-02-
02','100','88','pass');

INSERT INTO exams VALUES ('D.M','S_102','2024-02-
02','100','70','pass');

INSERT INTO exams VALUES ('D.M','S_118','2024-02-
02','100','70','pass');

INSERT INTO exams VALUES ('D.M','S_103','2024-02-
02','100','65','pass');

INSERT INTO exams VALUES ('D.M','S_104','2024-02-
02','100','18','fail');

```

```

INSERT INTO exams VALUES ('D.M','S_105','2024-02-02','100','57','pass');

INSERT INTO exams VALUES ('D.M','S_106','2024-02-02','100','75','pass');

INSERT INTO exams VALUES ('D.M','S_107','2024-02-02','100','80','pass');

INSERT INTO exams VALUES ('D.B.M.S','S_108','2024-02-03','100','88','pass');

INSERT INTO exams VALUES ('D.B.M.S','S_109','2024-02-03','100','70','pass');

INSERT INTO exams VALUES ('D.B.M.S','S_110','2024-02-03','100','65','pass');

INSERT INTO exams VALUES ('D.B.M.S','S_111','2024-02-03','100','25','fail');

INSERT INTO exams VALUES ('D.B.M.S','S_112','2024-02-03','100','45','pass');

INSERT INTO exams VALUES ('D.B.M.S','S_113','2024-02-03','100','54','pass');

INSERT INTO exams VALUES ('D.B.M.S','S_114','2024-02-03','100','65','pass');

INSERT INTO exams VALUES ('D.A.A','S_115','2024-02-04','100','87','pass');

INSERT INTO exams VALUES ('D.A.A','S_116','2024-02-04','100','97','pass');

INSERT INTO exams VALUES ('D.A.A','S_117','2024-02-04','100','69','pass');

INSERT INTO exams VALUES ('D.A.A','S_119','2024-02-04','100','65','pass');

```



```

INSERT INTO exams VALUES ('D.A.A','S_120','2024-02-04','100','95','pass');

INSERT INTO exams VALUES ('D.A.A','S_121','2024-02-04','100','73','pass');

INSERT INTO exams VALUES ('C.C.N','S_122','2024-02-05','100','68','pass');

INSERT INTO exams VALUES ('C.C.N','S_123','2024-02-05','100','38','pass');

INSERT INTO exams VALUES ('C.C.N','S_124','2024-02-05','100','32','fail');

INSERT INTO exams VALUES ('C.C.N','S_125','2024-02-05','100','87','pass');

INSERT INTO exams VALUES ('C.C.N','S_126','2024-02-05','100','65','pass');

INSERT INTO exams VALUES ('C.C.N','S_127','2024-02-05','100','44','pass');

INSERT INTO exams VALUES ('C.C.N','S_128','2024-02-05','100','55','pass');

INSERT INTO exams VALUES ('M.P.I','S_129','2024-02-06','100','20','fail');

INSERT INTO exams VALUES ('M.P.I','S_130','2024-02-06','100','48','pass');

INSERT INTO exams VALUES ('M.P.I','S_131','2024-02-06','100','67','pass');

INSERT INTO exams VALUES ('M.P.I','S_132','2024-02-06','100','69','pass');

INSERT INTO exams VALUES ('M.P.I','S_133','2024-02-06','100','42','pass');

```

```
INSERT INTO exams VALUES ('M.P.I','S_134','2024-02-06','100','15','fail');
```

```
INSERT INTO exams VALUES ('M.P.I','S_135','2024-02-06','100','18','fail');
```

## 8.Transportation

```
INSERT INTO TRANSPORTATION VALUES('B_1','Mahesh Patel','Nadiad-Ahemdabad',30,'07:30 - 09:30');
```

```
INSERT INTO TRANSPORTATION VALUES('V_1','Rakesh Shah','Nadiad-Ahemdabad',15,'07:30 - 09:30');
```

```
INSERT INTO TRANSPORTATION VALUES('B_2','Ketan Mishra','Nadiad-Anand',30,'07:30 - 09:30');
```

```
INSERT INTO TRANSPORTATION VALUES('V_2','Anil Vora','Nadiad-Anand',15,'07:30 - 09:30');
```

```
INSERT INTO TRANSPORTATION VALUES('B_3','Rajan Mehta','Nadiad-Vadodara',30,'07:30 - 09:30');
```

```
INSERT INTO TRANSPORTATION VALUES('V_3','Smit Shukla','Nadiad-Vadodara',15,'07:30 - 09:30');
```

```
INSERT INTO TRANSPORTATION VALUES('B_11','Mahesh Patel','Nadiad-Ahemdabad',30,'12:30 - 01:30');
```

```
INSERT INTO TRANSPORTATION VALUES('V_11','Rakesh Shah','Nadiad-Ahemdabad',15,'12:30 - 01:30');
```

```
INSERT INTO TRANSPORTATION VALUES('B_12','Ketan Mishra','Nadiad-Anand',30,'12:30 - 01:30');
```

```
INSERT INTO TRANSPORTATION VALUES('V_12','Anil Vora','Nadiad-Anand',15,'12:30 - 01:30');
```

```
INSERT INTO TRANSPORTATION VALUES('B_13','Rajan  
Mehta','Nadiad-Vadodara',30,'12:30 - 01:30');
```

```
INSERT INTO TRANSPORTATION VALUES('V_13','Smit Shukla','Nadiad-  
Vadodara',15,'12:30 - 01:30');
```

## **9.EVENTT**

```
INSERT INTO EVENTT VALUES('E_1','School Assemblies','2024-02-  
12','S_101');
```

```
INSERT INTO EVENTT VALUES('E_1','School Assemblies','2024-02-  
12','S_102');
```

```
INSERT INTO EVENTT VALUES('E_1','School Assemblies','2024-02-  
12','S_104');
```

```
INSERT INTO EVENTT VALUES('E_1','School Assemblies','2024-02-  
12','S_106');
```

```
INSERT INTO EVENTT VALUES('E_1','School Assemblies','2024-02-  
12','S_105');
```

```
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-  
1','S_102');
```

```
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-  
1','S_106');
```

```
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-  
1','S_108');
```

```
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-  
1','S_109');
```

```
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-  
1','S_111');
```

```

INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-1','S_115');
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-1','S_118');
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-1','S_120');
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-1','S_125');
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-1','S_130');
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-1','S_121');
INSERT INTO EVENTT VALUES('E_2','Sports Events','2024-02-1','S_116');
INSERT INTO EVENTT VALUES('E_3','Science Fairs','2024-02-25','S_106');
INSERT INTO EVENTT VALUES('E_3','Science Fairs','2024-02-25','S_110');
INSERT INTO EVENTT VALUES('E_3','Science Fairs','2024-02-25','S_113');
INSERT INTO EVENTT VALUES('E_3','Science Fairs','2024-02-25','S_116');
INSERT INTO EVENTT VALUES('E_3','Science Fairs','2024-02-25','S_125');
INSERT INTO EVENTT VALUES('E_4','Graduation Ceremonies','2024-02-02','S_104');
INSERT INTO EVENTT VALUES('E_4','Graduation Ceremonies','2024-02-02','S_111');

```

INSERT INTO EVENTT VALUES('E\_4','Graduation Ceremonies','2024-02-02','S\_117');

INSERT INTO EVENTT VALUES('E\_4','Graduation Ceremonies','2024-02-02','S\_120');

INSERT INTO EVENTT VALUES('E\_4','Graduation Ceremonies','2024-02-02','S\_125');

INSERT INTO EVENTT VALUES('E\_4','Graduation Ceremonies','2024-02-02','S\_128');

INSERT INTO EVENTT VALUES('E\_4','Graduation Ceremonies','2024-02-02','S\_130');

INSERT INTO EVENTT VALUES('E\_4','Graduation Ceremonies','2024-02-02','S\_135');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_104');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_106');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_110');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_115');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_118');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_124');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_128');

INSERT INTO EVENTT VALUES('E\_5','Career Days','2024-02-2','S\_130');

INSERT INTO EVENTT VALUES('E\_6','Spirit Weeks','2024-02-3','S\_103');

INSERT INTO EVENTT VALUES('E\_6','Spirit Weeks','2024-02-3','S\_109');

INSERT INTO EVENTT VALUES('E\_6','Spirit Weeks','2024-02-3','S\_115');

INSERT INTO EVENTT VALUES('E\_6','Spirit Weeks','2024-02-3','S\_123');

INSERT INTO EVENTT VALUES('E\_6','Spirit Weeks','2024-02-3','S\_133');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_102');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_108');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_110');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_115');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_125');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_134');

INSERT INTO EVENTT VALUES('E\_8','Cultural and Arts Performances','2024-02-9','S\_101');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_122');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_128');

INSERT INTO EVENTT VALUES('E\_7','Community Service Projects','2024-02-26','S\_135');

INSERT INTO EVENTT VALUES('E\_9','Parent Orientation','2024-02-7','S\_106');

INSERT INTO EVENTT VALUES('E\_9','Parent Orientation','2024-02-7','S\_116');

```
INSERT INTO EVENTT VALUES('E_9','Parent Orientation','2024-02-7','S_120');
```

```
INSERT INTO EVENTT VALUES('E_9','Parent Orientation','2024-02-7','S_125');
```

```
INSERT INTO EVENTT VALUES('E_9','Parent Orientation','2024-02-7','S_131');
```

```
INSERT INTO EVENTT VALUES('E_9','Parent Orientation','2024-02-7','S_133');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_102');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_105');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_110');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_112');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_120');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_124');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_129');
```

```
INSERT INTO EVENTT VALUES('E_10','Yoga Day ','2024-02-4','S_133');
```

## 10.Cultutaleventt

```
INSERT INTO Culturaleventt VALUES('E_1','International Day');
```

```
INSERT INTO Culturaleventt VALUES('E_2','Heritage Month Celebrations');
```

```
INSERT INTO Culturaleventt VALUES('E_3','Art and Cultural Exhibitions');
```

```
INSERT INTO Culturaleventt VALUES('E_4','Language and Literature Days');
```

```
INSERT INTO Culturaleventt VALUES('E_5','Cultural Competitions');
```

## **11.sports**

INSERT INTO sports VALUES ('E\_1','team\_A');

INSERT INTO sports VALUES ('E\_2','team\_B');

INSERT INTO sports VALUES ('E\_3','team\_B');

INSERT INTO sports VALUES ('E\_4','team\_A');

INSERT INTO sports VALUES ('E\_5','team\_C');

## **12.Mobile\_No**

INSERT INTO Mobile\_No VALUES(9663259456,9325648952,'S\_101');

INSERT INTO Mobile\_No VALUES(9625387412,6532897452,'S\_102');

INSERT INTO Mobile\_No VALUES(8663259456,8256489521,'S\_103');

INSERT INTO Mobile\_No VALUES(9663968541,7525648952,'S\_104');

INSERT INTO Mobile\_No VALUES(9663259457,7896541232,'S\_105');

INSERT INTO Mobile\_No VALUES(9663259456,9325648952,'S\_106');

INSERT INTO Mobile\_No VALUES(9663259458,9325648951,'S\_107');

INSERT INTO Mobile\_No VALUES(9763259456,9325648942,'S\_108');

INSERT INTO Mobile\_No VALUES(9863259456,9425648952,'S\_109');

INSERT INTO Mobile\_No VALUES(9996259486,9322646851,'S\_110');

INSERT INTO Mobile\_No VALUES(9963259456,9325646952,'S\_111');

INSERT INTO Mobile\_No VALUES(8963259456,7325646952,'S\_112');

INSERT INTO Mobile\_No VALUES(9963289456,9325647952,'S\_113');

INSERT INTO Mobile\_No VALUES(9961259456,9785646952,'S\_114');



```

INSERT INTO Mobile_No VALUES(9953259456,9325346952,'S_115');
INSERT INTO Mobile_No VALUES(6963259456,6325646952,'S_116');
INSERT INTO Mobile_No VALUES(9862259456,9365646952,'S_117');
INSERT INTO Mobile_No VALUES(9892259456,9375646952,'S_118');
INSERT INTO Mobile_No VALUES(9963369456,9325646962,'S_119');
INSERT INTO Mobile_No VALUES(9966259456,9323646952,'S_120');
INSERT INTO Mobile_No VALUES(9996259456,9322646952,'S_121');
INSERT INTO Mobile_No VALUES(9366259456,9722646952,'S_122');
INSERT INTO Mobile_No VALUES(7962594567,9322646962,'S_123');
INSERT INTO Mobile_No VALUES(9999959456,6322646952,'S_124');
INSERT INTO Mobile_No VALUES(9996969456,9322696952,'S_125');
INSERT INTO Mobile_No VALUES(9996969457,9322656952,'S_126');
INSERT INTO Mobile_No VALUES(9796259456,9342696952,'S_127');
INSERT INTO Mobile_No VALUES(7996259456,7322649652,'S_128');
INSERT INTO Mobile_No VALUES(9999259456,9322646852,'S_129');
INSERT INTO Mobile_No VALUES(9996259486,9322646752,'S_130');
INSERT INTO Mobile_No VALUES(9998959486,9356646752,'S_131');
INSERT INTO Mobile_No VALUES(9996259487,9322646759,'S_132');
INSERT INTO Mobile_No VALUES(9996259484,9322646758,'S_133');
INSERT INTO Mobile_No VALUES(9996259496,9322646751,'S_134');
INSERT INTO Mobile_No VALUES(9996259496,9322646751,'S_135');

```

## 13.Manages

```

Insert into Manages Values('M_1',1,'V_1','D.B.M.S','E_1');
Insert into Manages Values('M_2',2,'V_2','D.B.M.S','E_2');
Insert into Manages Values('M_3',3,'V_3','D.B.M.S','E_3');
Insert into Manages Values('M_4',4,'B_1','D.A.A','E_4');
Insert into Manages Values('M_5',5,'B_2','D.A.A','E_1');
Insert into Manages Values('M_6',6,'B_3','D.A.A','E_5');
Insert into Manages Values('M_7',7,'V_11','C.C.N','E_6');
Insert into Manages Values('M_8',10,'V_12','C.C.N','E_10');
Insert into Manages Values('M_9',9,'V_13','C.C.N','E_9');
Insert into Manages Values('M_10',15,'V_1','M.P.I','E_8');
Insert into Manages Values('M_11',14,'V_2','M.P.I','E_7');
Insert into Manages Values('M_12',13,'V_3','M.P.I','E_5');
Insert into Manages Values('M_13',12,'B_11','D.M','E_8');
Insert into Manages Values('M_14',11,'B_12','D.M','E_9');
Insert into Manages Values('M_15',8,'B_13','D.M','E_3');

```

## 14. Teaches

```

INSERT INTO Teaches VALUES('201','S_101','T101');
INSERT INTO Teaches VALUES('202','S_102','T101');
INSERT INTO Teaches VALUES('203','S_103','T101');
INSERT INTO Teaches VALUES('204','S_104','T101');
INSERT INTO Teaches VALUES('205','S_105','T101');
INSERT INTO Teaches VALUES('206','S_106','T102');
INSERT INTO Teaches VALUES('207','S_107','T102');

```

```
INSERT INTO Teaches VALUES('208','S_108','T102');
INSERT INTO Teaches VALUES('209','S_109','T102');
INSERT INTO Teaches VALUES('210','S_110','T102');
INSERT INTO Teaches VALUES('211','S_111','T103');
INSERT INTO Teaches VALUES('212','S_112','T103');
INSERT INTO Teaches VALUES('213','S_113','T103');
INSERT INTO Teaches VALUES('214','S_114','T103');
INSERT INTO Teaches VALUES('215','S_115','T103');
INSERT INTO Teaches VALUES('216','S_116','T104');
INSERT INTO Teaches VALUES('217','S_117','T104');
INSERT INTO Teaches VALUES('218','S_118','T104');
INSERT INTO Teaches VALUES('219','S_119','T104');
INSERT INTO Teaches VALUES('220','S_120','T104');
INSERT INTO Teaches VALUES('221','S_121','T105');
INSERT INTO Teaches VALUES('222','S_122','T105');
INSERT INTO Teaches VALUES('223','S_123','T105');
INSERT INTO Teaches VALUES('224','S_124','T105');
INSERT INTO Teaches VALUES('225','S_125','T105');
INSERT INTO Teaches VALUES('226','S_126','T101');
INSERT INTO Teaches VALUES('227','S_127','T101');
INSERT INTO Teaches VALUES('228','S_128','T102');
INSERT INTO Teaches VALUES('229','S_129','T103');
INSERT INTO Teaches VALUES('230','S_130','T104');
INSERT INTO Teaches VALUES('231','S_131','T105');
```

```
INSERT INTO Teaches VALUES('232','S_132','T102');
INSERT INTO Teaches VALUES('233','S_133','T103');
INSERT INTO Teaches VALUES('234','S_134','T104');
INSERT INTO Teaches VALUES('235','S_135','T105');
INSERT INTO Teaches VALUES('236','S_101','T105');
INSERT INTO Teaches VALUES('237','S_103','T102');
INSERT INTO Teaches VALUES('238','S_104','T103');
INSERT INTO Teaches VALUES('239','S_105','T104');
INSERT INTO Teaches VALUES('240','S_106','T105');
```

# INSERTION OUTPUT

## 1.student

**SELECT \*FROM Students;**

	Student_ID	Student_Name	Date_Of_Birth	G_R_Number	Address
►	S_101	Ghanshyam Pandey	2005-05-08	1935	Harikrishn App. Near Bustation Nadiad
	S_102	Harsh Patel	2005-03-18	1936	Ram Bangloes Near Railway Station Nadiad
	S_103	Subh Parikh	2004-04-08	2058	Tulsi App. College Road Nadiad
	S_104	Sakshi Desai	2003-05-18	1937	Tulip App. College Road Ananad
	S_105	Raj Pathak	2004-05-18	1938	RAJ Bangloes College Road Nadiad
	S_106	Aryan Dhaduk	2006-03-19	1939	Dhaduk Villa Uttarsanda Road Nadiad
	S_107	Jinal Rathod	2002-05-18	1862	Caspia App. Road Nadiad
	S_108	Manish Hansora	2004-04-16	1940	Akshar App. Uttarsanda Road Nadiad
	S_109	Prexa Zala	2006-12-15	1941	Dhvani App. College Road Nadiad
	S_110	Nayan Thakkar	2004-07-24	1942	Royal Care College Road Vadodara
	S_111	Tisha Dave	2007-10-10	1943	Tulip App. College Road Nadiad
	S_112	Dilip Desai	2006-10-12	1944	Desai Nivas Near Vaniyavad cirde Nadiad
	S_113	Akshar Joshi	2002-08-10	1945	Joshi Nivas Uttarsanda Road Nadiad
	S_114	Binal Yadav	2004-11-10	1752	Tridev App. College Road Anand
	S_115	Saurav Thesiya	2006-11-01	1396	Akshar Nivas College road Nadiad
	S_116	Umang Joshi	2009-12-03	2006	Ravi Bangloes Uttarsanda Road Nadiad
	S_117	Chirag Shah	2007-11-10	1946	Ridhhi App. College Road Nadiad
	S_118	Dilip Jadeja	2007-01-13	1976	Radhe Shyam App. College Road Nadiad
	S_119	Jay Solanki	2002-05-07	1947	Raj app. Near Bus station Nadiad
	S_120	Rajshree Gandhi	2008-06-30	2003	Radhe-Krishna Residency Nadiad
	S_121	Janki Agrwal	2000-12-07	2022	Agrwal Palace Vaniyavad Cirde Nadiad
	S_122	Yashvi Dobariya	2002-12-08	1948	Shyam App. Vaniyavad Cirde Ahmedabad
	S_123	Nishant Patel	2009-11-12	1949	Raj App. Vaniyavad Cirde Nadiad
	S_124	Disha Sinha	2001-02-07	1722	Raj App. Vaniyavad Cirde Anand
	S_125	Zarna Pandey	2004-03-08	1522	Shyam Villa Vaniyavad Cirde Nadiad
	S_126	Mansi Rathod	2002-01-31	1950	Akash App. Vaniyavad Cirde Nadiad
	S_127	Hetal Suhagiya	2001-07-07	1322	Vikas App. Vaniyavad Cirde Nadiad
	S_128	Chetna Patel	2008-09-08	1951	Shriji Nivas Vaniyavad Cirde Nadiad
	S_129	Jeet Vasoya	2009-04-25	1652	Akshar App. Vaniyavad Cirde Vadodara
	S_130	Isha Dholakiya	2006-09-25	1952	Akshar App. Uttarsanda Road Nadiad
	S_131	Vikas Rajpal	2007-06-19	1953	Akash App. Vaniyavad Cirde Ahmedabad
	S_132	Palak Joshi	2009-06-18	2032	Radhe-Krishna Residency Nadiad
	S_133	Om Singhaniya	2004-07-12	1563	Govind Residency Anand
	S_134	Utsav Mishra	2002-08-16	1635	Mitram Residency Nadiad
	S_135	Falguni Mishra	2009-06-18	1636	Mitram Residency Nadiad

## 2.Teachers

**SELECT \*FROM Teachers;**

	Tid	Tname	Mail_id	Subject	Mobile_no
▶	T101	Savitribai Phule	savitriphule101@gmail.com	D.A.A	8770364706
	T102	Anand Kumar	anandkumar@gmail.com	D.A.A	9400718933
	T103	HC Verma	hcverma103@gmail.com	C.C.N	9761738304
	T104	Vikas Divyakriti	vikasdivyakriti104@gmail.com	M.P.I	9873063100
	T105	Alakh Pandey	alakhpandey105@gmail.com	C.C.N	8147300337
	T106	Babar Ali	babarali106@gmail.com	M.P.I	9333033319
	T107	Sandeep Desai	sandeepdesai107@gmail.com	D.B.M.S	9899704453
	T108	Rajesh Kumar Sharma	rajeshkumarsharma108@gmail.com	D.B.M.S	9466022970
	T109	Madhavi Goswami	madhavigoswami109@gmail.com	D.M	9971009321
	T110	Chanakya	chanakya110@gmail.com	D.M	9811265265
•	NULL	NULL	NULL	NULL	NULL

## 3.Classes

**SELECT \*FROM Class;**

	Class_Name	Class_Tname	Time_Table	Batched
▶	A	Anand Kumar	TT1	3
	B	HC Verma	TT2	3
	C	Babar Ali	TT3	4
	D	Sandeep Desai	TT4	4
	E	Chanakya	TT5	3
•	NULL	NULL	NULL	NULL

## 4.Fees

**SELECT \*FROM Fees;**

	Recepit_No	Amount	Student_id
►	30021	42000	S_118
	120456	63000	S_122
	123456	45000	S_105
	123457	35000	S_106
	123459	33000	S_125
	123696	46000	S_119
	123756	65000	S_113
	123856	120000	S_109
	153456	32000	S_124
	223456	15000	S_107
	263456	53000	S_129
	323456	42000	S_130
	363456	20000	S_115
	453456	50000	S_127
	523456	42000	S_117
	653456	42000	S_134
	923456	35000	S_120



## 5.attendance

**SELECT \*FROM attendance;**

	Attendance_id	Per	Student_ID
►	A_1	20%	S_101
	A_10	90%	S_110
	A_11	88%	S_111
	A_12	100%	S_112
	A_13	70%	S_113
	A_14	67%	S_114
	A_15	59%	S_115
	A_16	79%	S_116
	A_17	68%	S_117
	A_18	89%	S_118
	A_19	69%	S_119
	A_2	15%	S_102
	A_20	57%	S_120
	A_21	70%	S_121
	A_22	69%	S_122
	A_23	42%	S_123
	A_24	89%	S_124
	A_25	54%	S_125
	A_26	90%	S_126
	A_27	85%	S_127
	A_28	79%	S_128
	A_29	59%	S_129
	A_3	59%	S_103
	A_30	70%	S_130
	A_31	91%	S_131
	A_32	72%	S_132
	A_33	55%	S_133



A_34	63%	S_134
A_35	93%	S_135
A_4	100%	S_104
A_5	40%	S_105
A_6	70%	S_106
A_7	80%	S_107
A_8	90%	S_108
A_9	60%	S_109

## 6.Management\_Staff

**SELECT \*FROM Management\_Staff;**

	StaffId	Sname	ContactInfo	Department	Position
►	1	Om Unadkat	9428985435	Fees	Head
	2	Kuldip Vaghasiya	9428985431	Fees	Primary
	3	Nayan Thacker	9428985432	Fees	HigherSecndory
	4	Khushi Zalavadiya	9428985433	sports	Head
	5	Vidhi Kothia	9428985434	Sports	Primary
	6	Maitri Zalavadiya	9428985415	sports	HigherSecndory
	7	Manshi Zalavadiya	9428985425	cultural	Head
	8	Vinit Zalavadiya	9428985465	Educational	Head
	9	Akshay Patel	9428985035	Educational	Primary
	10	Piyu Varmora	9428980435	Educational	HigherSecndory
	11	Uday Kanani	9428980435	Exam	Head
	12	Ankita kamani	9428085435	Exam	HigherSecndory
	13	Ankit kamani	9408985435	RulesRegul...	Head
	14	Devin javia	9400985435	Health	Head
	15	Devin Javia	9411985435	Classroom ...	Head

## 7.exams

**SELECT \*FROM exams;**

	SUBJECTS	Student_ID	DATE	total_marks	obtained_marks	result
►	C.C.N	S_122	2024-02-05	100	68	pass
	C.C.N	S_123	2024-02-05	100	38	pass
	C.C.N	S_124	2024-02-05	100	32	fail
	C.C.N	S_125	2024-02-05	100	87	pass
	C.C.N	S_126	2024-02-05	100	65	pass
	C.C.N	S_127	2024-02-05	100	44	pass
	C.C.N	S_128	2024-02-05	100	55	pass
	D.A.A	S_115	2024-02-04	100	87	pass
	D.A.A	S_116	2024-02-04	100	97	pass
	D.A.A	S_117	2024-02-04	100	69	pass
	D.A.A	S_119	2024-02-04	100	65	pass
	D.A.A	S_120	2024-02-04	100	95	pass
	D.A.A	S_121	2024-02-04	100	73	pass
	D.B.M.S	S_108	2024-02-03	100	88	pass
	D.B.M.S	S_109	2024-02-03	100	70	pass
	D.B.M.S	S_110	2024-02-03	100	65	pass
	D.B.M.S	S_111	2024-02-03	100	25	fail
	D.B.M.S	S_112	2024-02-03	100	45	pass
	D.B.M.S	S_113	2024-02-03	100	54	pass
	D.B.M.S	S_114	2024-02-03	100	65	pass
	D.M	S_101	2024-02-02	100	88	pass
	D.M	S_102	2024-02-02	100	70	pass
	D.M	S_103	2024-02-02	100	65	pass
	D.M	S_104	2024-02-02	100	18	fail
	D.M	S_105	2024-02-02	100	57	pass
	D.M	S_106	2024-02-02	100	75	pass
	D.M	S_107	2024-02-02	100	80	pass

	D.M	S_118	2024-02-02	100	70	pass
	M.P.I	S_129	2024-02-06	100	20	fail
	M.P.I	S_130	2024-02-06	100	48	pass
	M.P.I	S_131	2024-02-06	100	67	pass
	M.P.I	S_132	2024-02-06	100	69	pass
	M.P.I	S_133	2024-02-06	100	42	pass
	M.P.I	S_134	2024-02-06	100	15	fail
	M.P.I	S_135	2024-02-06	100	18	fail

## 8.Transportation

**SELECT \*FROM Transportation;**

	Vehicle_ID	Driver_Information	Route	Students_Assigned	Schedule
►	B_1	Mahesh Patel	Nadiad-Ahemdabad	30	07:30 - 09:30
	B_11	Mahesh Patel	Nadiad-Ahemdabad	30	12:30 - 01:30
	B_12	Ketan Mishra	Nadiad-Anand	30	12:30 - 01:30
	B_13	Rajan Mehta	Nadiad-Vadodara	30	12:30 - 01:30
	B_2	Ketan Mishra	Nadiad-Anand	30	07:30 - 09:30
	B_3	Rajan Mehta	Nadiad-Vadodara	30	07:30 - 09:30
	V_1	Rakesh Shah	Nadiad-Ahemdabad	15	07:30 - 09:30
	V_11	Rakesh Shah	Nadiad-Ahemdabad	15	12:30 - 01:30
	V_12	Anil Vora	Nadiad-Anand	15	12:30 - 01:30
	V_13	Smit Shukla	Nadiad-Vadodara	15	12:30 - 01:30
	V_2	Anil Vora	Nadiad-Anand	15	07:30 - 09:30
	V_3	Smit Shukla	Nadiad-Vadodara	15	07:30 - 09:30

## 9.EVENTT

**SELECT \*FROM EVENTT;**

	E_ID	Ename	DATE	Student_ID
▶	E_1	School Assemblies	2024-02-12	S_101
	E_1	School Assemblies	2024-02-12	S_102
	E_1	School Assemblies	2024-02-12	S_104
	E_1	School Assemblies	2024-02-12	S_105
	E_1	School Assemblies	2024-02-12	S_106
	E_10	Yoga Day	2024-02-04	S_102
	E_10	Yoga Day	2024-02-04	S_105
	E_10	Yoga Day	2024-02-04	S_110
	E_10	Yoga Day	2024-02-04	S_112
	E_10	Yoga Day	2024-02-04	S_120
	E_10	Yoga Day	2024-02-04	S_124
	E_10	Yoga Day	2024-02-04	S_129
	E_10	Yoga Day	2024-02-04	S_133
	E_2	Sports Events	2024-02-01	S_102
	E_2	Sports Events	2024-02-01	S_106
	E_2	Sports Events	2024-02-01	S_108
	E_2	Sports Events	2024-02-01	S_109
	E_2	Sports Events	2024-02-01	S_111
	E_2	Sports Events	2024-02-01	S_115
	E_2	Sports Events	2024-02-01	S_116
	E_2	Sports Events	2024-02-01	S_118
	E_2	Sports Events	2024-02-01	S_120
	E_2	Sports Events	2024-02-01	S_121
	E_2	Sports Events	2024-02-01	S_125
	E_2	Sports Events	2024-02-01	S_130
	E_3	Science Fairs	2024-02-25	S_106
	E_3	Science Fairs	2024-02-25	S_110

	E_ID	Ename	DATE	Student_ID
	E_5	Career Days	2024-02-02	S_115
	E_5	Career Days	2024-02-02	S_118
	E_5	Career Days	2024-02-02	S_124
	E_5	Career Days	2024-02-02	S_128
	E_5	Career Days	2024-02-02	S_130
	E_6	Spirit Weeks	2024-02-03	S_103
	E_6	Spirit Weeks	2024-02-03	S_109
	E_6	Spirit Weeks	2024-02-03	S_115
	E_6	Spirit Weeks	2024-02-03	S_123
	E_6	Spirit Weeks	2024-02-03	S_133
	E_7	Community Servi...	2024-02-26	S_102
	E_7	Community Servi...	2024-02-26	S_108
	E_7	Community Servi...	2024-02-26	S_110
	E_7	Community Servi...	2024-02-26	S_115
	E_7	Community Servi...	2024-02-26	S_122
	E_7	Community Servi...	2024-02-26	S_125
	E_7	Community Servi...	2024-02-26	S_128
	E_7	Community Servi...	2024-02-26	S_134
	E_7	Community Servi...	2024-02-26	S_135
	E_8	Cultural and Arts...	2024-02-09	S_101
	E_9	Parent Orientation	2024-02-07	S_106
	E_9	Parent Orientation	2024-02-07	S_116
	E_9	Parent Orientation	2024-02-07	S_120
	E_9	Parent Orientation	2024-02-07	S_125
	E_9	Parent Orientation	2024-02-07	S_131
	E_9	Parent Orientation	2024-02-07	S_133

## 10.Cultutaleventt

**SELECT \*FROM Cultutaleventt;**

	E_ID	description
▶	E_1	International Day
	E_2	Heritage Month Celebrations
	E_3	Art and Cultural Exhibitions
	E_4	Language and Literature Days
	E_5	Cultural Competitions

**11.sports**

**SELECT \*FROM sports;**

	E_ID	RESULT
▶	E_1	team_A
	E_2	team_B
	E_3	team_B
	E_4	team_A
	E_5	team_C

**12.Mobile\_No**

**SELECT \*FROM Mobile\_No;**



	Mobile_No	Whatsapp_No	Student_id
►	9663259456	9325648952	S_101
	9625387412	6532897452	S_102
	8663259456	8256489521	S_103
	9663968541	7525648952	S_104
	9663259457	7896541232	S_105
	9663259456	9325648952	S_106
	9663259458	9325648951	S_107
	9763259456	9325648942	S_108
	9863259456	9425648952	S_109
	9996259486	9322646851	S_110
	9963259456	9325646952	S_111
	8963259456	7325646952	S_112
	9963289456	9325647952	S_113
	9961259456	9785646952	S_114
	9953259456	9325346952	S_115
	6963259456	6325646952	S_116
	9862259456	9365646952	S_117
	9892259456	9375646952	S_118
	9963369456	9325646962	S_119
	9966259456	9323646952	S_120
	9996259456	9322646952	S_121
	9366259456	9722646952	S_122
	7962594567	9322646962	S_123
	9999959456	6322646952	S_124
	9996969456	9322696952	S_125
	9996969457	9322656952	S_126
	9796259456	9342696952	S_127
			-
	7996259456	7322649652	S_128
	9999259456	9322646852	S_129
	9996259486	9322646752	S_130
	9998959486	9356646752	S_131
	9996259487	9322646759	S_132
	9996259484	9322646758	S_133
	9996259496	9322646751	S_134
	9996259496	9322646751	S_135

## 13.Manages

**SELECT \*FROM Manages;**

	Manages_id	StaffId	Vehicle_ID	SUBJECTS	E_ID
►	M_1	1	V_1	D.B.M.S	E_1
	M_10	15	V_1	M.P.I	E_8
	M_11	14	V_2	M.P.I	E_7
	M_12	13	V_3	M.P.I	E_5
	M_13	12	B_11	D.M	E_8
	M_14	11	B_12	D.M	E_9
	M_15	8	B_13	D.M	E_3
	M_2	2	V_2	D.B.M.S	E_2
	M_3	3	V_3	D.B.M.S	E_3
	M_4	4	B_1	D.A.A	E_4
	M_5	5	B_2	D.A.A	E_1
	M_6	6	B_3	D.A.A	E_5
	M_7	7	V_11	C.C.N	E_6
	M_8	10	V_12	C.C.N	E_10
	M_9	9	V_13	C.C.N	E_9

## 14.Teaches

**SELECT \*FROM Teaches;**

	teaches_id	Student_ID	Tid
►	201	S_101	T101
	202	S_102	T101
	203	S_103	T101
	204	S_104	T101
	205	S_105	T101
	206	S_106	T102
	207	S_107	T102
	208	S_108	T102
	209	S_109	T102
	210	S_110	T102
	211	S_111	T103
	212	S_112	T103
	213	S_113	T103
	214	S_114	T103
	215	S_115	T103
	216	S_116	T104
	217	S_117	T104
	218	S_118	T104
	219	S_119	T104
	220	S_120	T104
	221	S_121	T105
	222	S_122	T105
	223	S_123	T105
	224	S_124	T105
	225	S_125	T105
	226	S_126	T101
	227	S_127	T101

	228	S_128	T102
	229	S_129	T103
	230	S_130	T104
	231	S_131	T105
	232	S_132	T102
	233	S_133	T103
	234	S_134	T104
	235	S_135	T105
	236	S_101	T105
	237	S_103	T102
	238	S_104	T103
	239	S_105	T104
	240	S_106	T105



# QUERIES

## 1.name of the students who have max attendance

```
SELECT Student_Name,per
FROM Students
JOIN attendance
USING(Student_ID)
WHERE per in
(SELECT max(per) FROM attendance a);
```

	Student_Name	per
▶	Falguni Mishra	93%

## 2. name of the student and contact number who have participated in sports events

```
SELECT s.student_name,m.Mobile_No,m.Whatsapp_No,e.Ename
FROM EVENTT e
JOIN Mobile_No m
USING (Student_ID)
JOIN Students s
USING (Student_ID) WHERE e.ENAME="sports Events" ;
```

	student_name	Mobile_No	Whatsapp_No	Ename
►	Harsh Patel	9625387412	6532897452	Sports Events
	Aryan Dhaduk	9663259456	9325648952	Sports Events
	Manish Hansora	9763259456	9325648942	Sports Events
	Prexa Zala	9863259456	9425648952	Sports Events
	Tisha Dave	9963259456	9325646952	Sports Events
	Saurav Thesiya	9953259456	9325346952	Sports Events
	Umang Joshi	6963259456	6325646952	Sports Events
	Dilip Jadeja	9892259456	9375646952	Sports Events
	Rajshree Gandhi	9966259456	9323646952	Sports Events
	Janki Agrwal	9996259456	9322646952	Sports Events
	Zarna Pandey	9996969456	9322696952	Sports Events
	Isha Dholakiya	9996259486	9322646752	Sports Events

**3.find teacher name with class name to whom they are teaching**

SELECT Teachers.Tname,Teaches.student\_ID,classs.class\_Name FROM Teachers

LEFT JOIN Teaches

USING(Tid)

JOIN Classs

ON teachers.Tname=classs.class\_Tname;

	Tname	student_ID	class_Name
►	Anand Kumar	S_106	A
	Anand Kumar	S_107	A
	Anand Kumar	S_108	A
	Anand Kumar	S_109	A
	Anand Kumar	S_110	A
	Anand Kumar	S_128	A
	Anand Kumar	S_132	A
	Anand Kumar	S_103	A
	HC Verma	S_111	B
	HC Verma	S_112	B
	HC Verma	S_113	B
	HC Verma	S_114	B
	HC Verma	S_115	B
	HC Verma	S_129	B
	HC Verma	S_133	B
	HC Verma	S_104	B
	Babar Ali	NULL	C
	Sandeep Desai	NULL	D
	Chanakya	NULL	E

#### 4. Give details of Students whose Fees are not paid

```
SELECT S.student_id ,s.student_Name FROM students s
LEFT JOIN Fees f
USING (student_ID) WHERE Amount IS NULL;
```

	student_id	student_Name
►	S_101	Ghanshyam Pandey
	S_102	Harsh Patel
	S_103	Subh Parikh
	S_104	Sakshi Desai
	S_108	Manish Hansora
	S_110	Nayan Thakkar
	S_111	Tisha Dave
	S_112	Dilip Desai
	S_114	Binal Yadav
	S_116	Umang Joshi
	S_121	Janki Agrwal
	S_123	Nishant Patel
	S_126	Mansi Rathod
	S_128	Chetna Patel
	S_131	Vikas Rajpal
	S_132	Palak Joshi
	S_133	Om Singhaniya
	S_135	Falguni Mishra

**5. Give the details of Students who have failed in subject "M.P.I".**

SELECT S.STUDENT\_ID,S.STUDENT\_NAME,E.OBTAINED\_MARKS FROM  
students s

JOIN exams e

USING (STUDENT\_ID)

WHERE SUBJECTS='M.P.I' AND RESULT='FAIL';

	STUDENT_ID	STUDENT_NAME	OBTAINED_MARKS
►	S_129	Jeet Vasoya	20
	S_134	Utsav Mishra	15
	S_135	Falguni Mishra	18

## [like] 6. Give the details of Students with 'a'

```
SELECT *FROM Students WHERE student_Name LIKE 'a%';
```

	Student_ID	Student_Name	Date_Of_Birth	G_R_Number	Address
▶	S_106	Aryan Dhaduk	2006-03-19	1939	Dhaduk Villa Uttarsanda Road Nadiad
	S_113	Akshar Joshi	2002-08-10	1945	Joshi Nivas Uttarsanda Road Nadiad

## [Between] 7. Give the details of students whose attendance is between 75 and 90

```
SELECT *FROM attendance WHERE PER BETWEEN '75%' AND '90%' Order by per;
```

	Attendance_id	Per	Student_ID
▶	A_16	79%	S_116
	A_28	79%	S_128
	A_7	80%	S_107
	A_27	85%	S_127
	A_11	88%	S_111
	A_18	89%	S_118
	A_24	89%	S_124
	A_10	90%	S_110
	A_26	90%	S_126
	A_8	90%	S_108

## [IN] 8 Give the details of employees in the Fees and Exam department

```
SELECT *FROM Management_staff  
WHERE department  
IN('fees','Exam');
```

	StaffId	Sname	ContactInfo	Department	Position
►	1	Om Unadkat	9428985435	Fees	Head
	2	Kuldip Vaghasiya	9428985431	Fees	Primary
	3	Nayan Thacker	9428985432	Fees	HigherSecndory
	11	Uday Kanani	9428980435	Exam	Head
	12	Ankita kamani	9428085435	Exam	HigherSecndory

[order by] 9. Give the exam results of students in decreasing order

SELECT \* FROM EXAMS

ORDER BY obtained\_marks ;

	SUBJECTS	Student_ID	DATE	total_marks	obtained_marks	result
►	M.P.I	S_134	2024-02-06	100	15	fail
	M.P.I	S_135	2024-02-06	100	18	fail
	D.M	S_104	2024-02-02	100	18	fail
	M.P.I	S_129	2024-02-06	100	20	fail
	D.B.M.S	S_111	2024-02-03	100	25	fail
	C.C.N	S_124	2024-02-05	100	32	fail
	C.C.N	S_123	2024-02-05	100	38	pass
	M.P.I	S_133	2024-02-06	100	42	pass
	C.C.N	S_127	2024-02-05	100	44	pass
	D.B.M.S	S_112	2024-02-03	100	45	pass
	M.P.I	S_130	2024-02-06	100	48	pass
	D.B.M.S	S_113	2024-02-03	100	54	pass
	C.C.N	S_128	2024-02-05	100	55	pass
	D.M	S_105	2024-02-02	100	57	pass
	C.C.N	S_126	2024-02-05	100	65	pass
	D.A.A	S_119	2024-02-04	100	65	pass
	D.B.M.S	S_114	2024-02-03	100	65	pass
	D.M	S_103	2024-02-02	100	65	pass
	D.B.M.S	S_110	2024-02-03	100	65	pass
	M.P.I	S_131	2024-02-06	100	67	pass
	C.C.N	S_122	2024-02-05	100	68	pass
	D.A.A	S_117	2024-02-04	100	69	pass
	M.P.I	S_132	2024-02-06	100	69	pass
	D.M	S_102	2024-02-02	100	70	pass
	D.M	S_118	2024-02-02	100	70	pass
	D.B.M.S	S_109	2024-02-03	100	70	pass
	D.A.A	S_121	2024-02-04	100	73	pass

	D.M	S_106	2024-02-02	100	75	pass
	D.M	S_107	2024-02-02	100	80	pass
	C.C.N	S_125	2024-02-05	100	87	pass
	D.A.A	S_115	2024-02-04	100	87	pass
	D.M	S_101	2024-02-02	100	88	pass
	D.B.M.S	S_108	2024-02-03	100	88	pass
	D.A.A	S_120	2024-02-04	100	95	pass
	D.A.A	S_116	2024-02-04	100	97	pass

**[group by] 10 Give the number of students participated in each event**

SELECT ENAME,COUNT(STUDENT\_ID) AS NO\_STUDENTS FROM  
EVENTT GROUP BY ENAME;

	ENAME	NO_STUDENTS
▶	School Assemblies	5
	Yoga Day	8
	Sports Events	12
	Science Fairs	5
	Graduation Ceremonies	8
	Career Days	8
	Spirit Weeks	5
	Community Service Projects	9
	Cultural and Arts Performances	1
	Parent Orientation	6

## Triggers, Functions , Cursors

### 11.SUM Give the sum of Fees collected in a year

```
SELECT sum(amount) FROM FEES;
```

	sum(amount)
▶	780000

### 12.AVG Give the average score of students in each subject

```
SELECT SUBJECTS,avg(obtained_marks) FROM Exams GROUP BY SUBJECTS;
```

	SUBJECTS	avg(obtained_marks)
▶	C.C.N	55.5714
	D.A.A	81.0000
	D.B.M.S	58.8571
	D.M	65.3750
	M.P.I	39.8571

### 13.cursor

```
DECLARE
```

```
  v_sid student.sid%TYPE;
```

```
  v_sname student.s_name%TYPE;
```

```
  CURSOR student_cursor IS SELECT sid, s_name FROM student;
```

```
BEGIN
```

```
  OPEN student_cursor;
```



```

LOOP
    FETCH student_cursor INTO v_sid, v_sname;
    EXIT WHEN student_cursor%NOTFOUND;
    DBMS_OUTPUT.PUT_LINE('Student ID: ' || v_sid || ', Student
Name: ' || v_sname);
END LOOP;
CLOSE student_cursor;
END;

```

## 14. before insert triggers

```

CREATE TABLE STU
(stu_id int, age int, name varchar(30));
delimiter //
CREATE TRIGGER age_verify
BEFORE INSERT ON STU
FOR EACH ROW
IF new.age < 0 THEN SET NEW.AGE = 0;
END IF; //
insert into STU
values('101', '20', 'Ghanshyam Pandey'),
('102', '-10', 'Harsh Patel'),
('103', '19', 'Subh Parikh'),
('104', '18', 'Sakshi Desai'),

```

```

('105','-21','Raj Pathak'),
('106','19','Aryan Dhaduk');
SELECT *FROM STU;

```

	stu_id	age	name
▶	101	20	Ghanshyam Pandey
	102	0	Harsh Patel
	103	19	Subh Parikh
	104	18	Sakshi Desai
	105	0	Raj Pathak
	106	19	Aryan Dhaduk

## 15.before update triggers

```
delimiter //
```

```
CREATE TRIGGER NT
```

```
BEFORE UPDATE ON STU
```

```
FOR EACH ROW
```

```
IF new.age<0 THEN SET NEW.AGE=0;
```

```
END IF; //
```

```
UPDATE STU SET AGE='-24' WHERE stu_id='106' ;
```

```
SELECT *FROM STU;
```

	stu_id	age	name
▶	101	20	Ghanshyam Pandey
	102	0	Harsh Patel
	103	19	Subh Parikh
	104	18	Sakshi Desai
	105	0	Raj Pathak
	106	0	Aryan Dhaduk