



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
think • innovate • transform

Mini Project

NAME : HARIDHARAN K (122012012855)
VISHNU J (122012012894)
IFFAN A (123012063254)

CLASS : III – B.Tech CSE – ‘A’

COURSE CODE : XCS507

COURSE NAME : DATABASE MANAGEMENT SYSTEM
LABORATORY

TOPIC : STUDENTS INFORMATION SYSTEM

Submitted To

Ms.S.GOMATHI AP/CSE

Students Information System Documentation

1. Introduction

Student information system means the information system for maintaining and providing student information. Some of them are paper based; heavy manual work is involved in managing and maintaining information such as student personal records. However, recently, most schools maintain the record in database. In this system, the user can add, edit, search, delete and view student's information. All the records are listed below in the system which makes the user, easy to view the information of each and every student. This system is easy to operate and understand by the user.

2. Entities and Attributes

2.1 Login

Attributes:

- user_id (INT, Primary Key): Unique identifier for each user.
- username (VARCHAR(50), UNIQUE): Username for logging in.
- password (VARCHAR(255)): Encrypted password.
- user_role (ENUM): User role or access level (e.g., 'admin' or 'user').

SQL Definition:

```
CREATE TABLE Users (  
    user_id INT AUTO_INCREMENT PRIMARY KEY ,  
    username VARCHAR(50) UNIQUE NOT NULL ,  
    password VARCHAR(255) NOT NULL ,  
    user_role ENUM('staff', 'student')  
);
```

2.2 Student

Attributes:

- student_id (INT, Primary Key): Unique identifier for each student.
- name (VARCHAR(100)): Full name of the student.
- dob (DATE): Date of birth of the student.
- gender (ENUM): Gender of the student, options 'Male', 'Female', 'Other'.
- address (VARCHAR(255)): Address of the student.
- phone (VARCHAR(15)): Phone number of the student.
- email (VARCHAR(50)): Email address of the student.

SQL Definition:

```
CREATE TABLE Student (  
    student_id INT PRIMARY KEY ,  
    name VARCHAR(50) ,  
    dob DATE ,  
    gender ENUM('Male', 'Female', 'Others') ,  
    address VARCHAR(255) ,  
    phone VARCHAR(15) ,  
    email VARCHAR(50)  
);
```

2.3 Fees

Attributes:

- fee_id (INT, Primary Key): Unique identifier for each fee record.
- student_id (INT, Foreign Key): References Student(student_id).
- total_fee (DECIMAL(10, 2)): Total fee amount for Student.
- paid_amount (DECIMAL(10, 2)): Amount paid by Student.
- due_date (DATE): Due date for the payment.
- status (ENUM): Fee status (e.g., 'Paid', 'Unpaid').

SQL Definition:

```
CREATE TABLE Fees (  
    fee_id INT PRIMARY KEY,  
    student_id INT NOT NULL,  
    total_fee DECIMAL(10, 2),  
    paid_amount DECIMAL(10, 2),  
    due_date DATE,  
    status ENUM('Paid', 'Unpaid') DEFAULT 'Unpaid',  
    FOREIGN KEY (student_id) REFERENCES Students(student_id)  
);
```

2.4 Marks

Attributes:

- mark_id (INT, Primary Key): Unique identifier for each mark entry.
- student_id (INT, Foreign Key): References Students(student_id).
- tamil_marks (INT): Tamil marks obtained by the student.
- english_marks (INT): English marks obtained by the student.
- maths_marks (INT): Maths marks obtained by the student.
- science_marks (INT): Science marks obtained by the student.
- social_marks (INT): Social marks obtained by the student.
- total_marks (INT): Total marks obtained by the student.
- grade (CHAR(1)): Grade obtained by the student in subject.

SQL Definition:

```
CREATE TABLE Marks (  
    mark_id INT PRIMARY KEY,  
    student_id INT NOT NULL,  
    tamil_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    english_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    maths_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    science_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    social_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    total_marks INT,  
    grade CHAR(1) ,  
    FOREIGN KEY (student_id) REFERENCES Students(student_id) ON DELETE CASCADE  
);
```

3. Relationships for Student Information System

3.1 Student to Fees

- **Relationship:** Each student can have multiple fee records, but each fee record is associated with only one student.
- **Foreign Key:** Fees.student_id references Student.student_id

Explanation: This relationship allows each Student entry to be linked with multiple Fees entries, which record the fees paid, total fees, and due amounts for each student over time.

3.2 Student to Marks

- **Relationship:** Each student can have multiple marks entries for different subjects, but each marks entry is linked to only one student.
- **Foreign Key:** Marks.student_id references Student.student_id

Explanation: This relationship connects each Student with multiple Marks entries, allowing the system to record individual subject scores and grades for each student.

3.3 Login for User Authentication

Relationship: The Login table is used for managing system access and does not have direct relationships with other tables in this schema.

Explanation: This table manages user credentials, allowing access control to the system. user_role defines the type of access each user has, either as an 'admin' or a 'user'.

Summary of Relationships :

| Table | Related Table | Relational Type | Foreign Key |
|---------|---------------|-----------------|------------------|
| Student | Fees | One-to-Many | Fees.student_id |
| Student | Marks | One-to-Many | marks.student_id |
| Login | -- | Standalone | -- |

4. ER Diagram:

The ER diagram visually represents the entities and their relationships within the Library Management System.

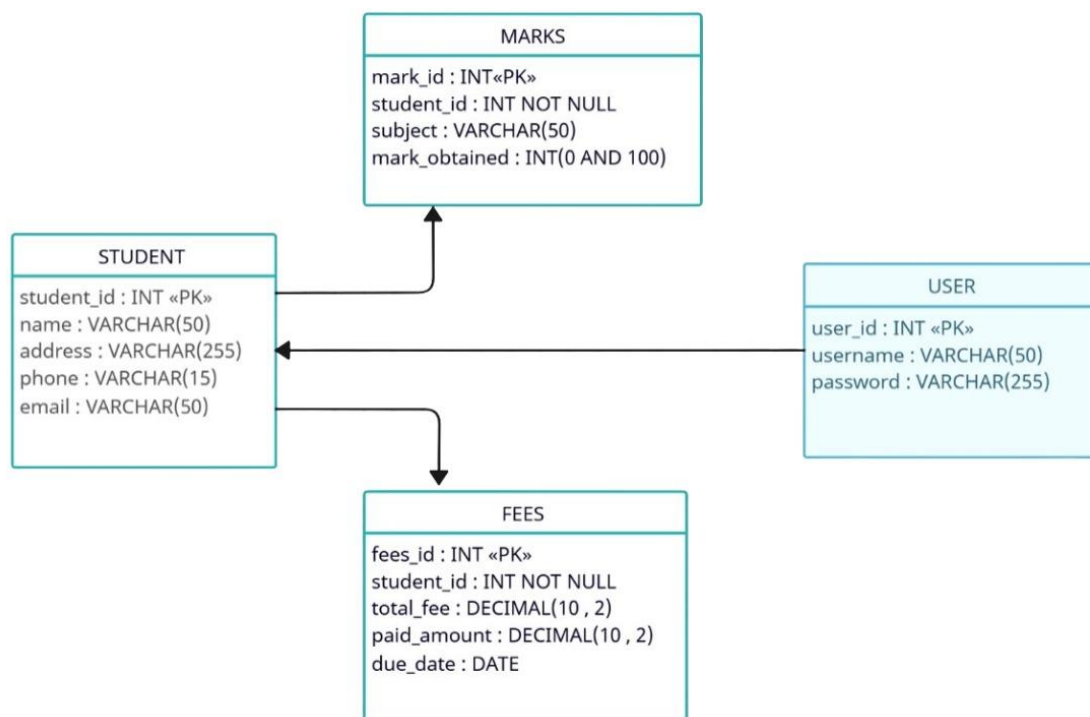


Table 1 : Users

Query :

```
CREATE TABLE Users (  
    user_id INT AUTO_INCREMENT PRIMARY KEY ,  
    username VARCHAR(50) NOT NULL ,  
    password VARCHAR(255) NOT NULL ,  
    user_role ENUM('staff', 'student')  
);  
  
INSERT INTO Users ( user_id, username, password, user_role )  
VALUES  
(001, 'john_doe', 'password123', 'staff'),  
(002, 'alice_smith', 'alicepwd456', 'student'),  
(003, 'michael_lee', 'mikepass789', 'staff'),  
(004, 'emma_jones', 'emma@2023', 'student'),  
(005, 'david_brown', 'davepwd101', 'staff');  
  
SELECT * FROM Users;
```

Output :

The screenshot displays a database management interface with two main sections. The top section shows the 'Result Grid' for the 'Users' table schema, and the bottom section shows the 'Output' of SQL queries.

Result Grid (Schema):

| Field | Type | Null | Key | Default | Extra |
|-----------|-------------------------|------|-----|-------------|----------------|
| user_id | int | NO | PRI | NULL | auto_increment |
| username | varchar(50) | NO | | NULL | |
| password | varchar(255) | NO | | NULL | |
| user_role | enum('staff','student') | YES | | NULL | |

Result 13 x

Output

Action Output

| # | Time | Action |
|----|----------|---|
| 23 | 21:04:17 | INSERT INTO Marks (student_id, subject, marks_obtained, grade) VALUES |
| 24 | 21:04:43 | SELECT * FROM Marks LIMIT 0, 1000 |
| 25 | 21:06:51 | DESC Users |

Result Grid | Filter Rows: | Edit: |

| | user_id | username | password | user_role |
|---|-------------|-------------|-------------|-------------|
| ▶ | 1 | john_doe | password123 | staff |
| | 2 | alice_smith | alicepwd456 | student |
| | 3 | michael_lee | mikepass789 | staff |
| | 4 | emma_jones | emma@2023 | student |
| | 5 | david_brown | davepwd101 | staff |
| * | NULL | NULL | NULL | NULL |

Users 14 x

Output

Action Output

| # | Time | Action |
|----|----------|-----------------------------------|
| 24 | 21:04:43 | SELECT * FROM Marks LIMIT 0, 1000 |
| 25 | 21:06:51 | DESC Users |
| 26 | 21:07:28 | SELECT * FROM Users LIMIT 0, 1000 |

Table 2 : Student

Query :

```
CREATE TABLE Student (  
    student_id INT AUTO_INCREMENT PRIMARY KEY ,  
    name VARCHAR(50) ,  
    dob DATE ,  
    gender ENUM('Male', 'Female', 'Others') ,  
    address VARCHAR(255) ,  
    phone VARCHAR(15) ,  
    email VARCHAR(50)  
);
```

```
INSERT INTO Student (name, dob, gender, address, phone, email)  
VALUES  
('John Doe', '2001-03-15', 'Male', '123 Elm Street, Cityville', '555-1234', 'johndoe@email.com'),  
('Jane Smith', '2000-06-22', 'Female', '456 Oak Avenue, Townsville', '555-5678',  
'janesmith@email.com'),  
('Alex Taylor', '2002-11-30', 'Male', '789 Pine Road, Villagetown', '555-9876',  
'alextaylor@email.com'),  
('Emily Johnson', '1999-09-12', 'Female', '101 Maple Street, Hamlet', '555-4321',  
'emilyj@email.com'),  
('Sam Lee', '2003-01-05', 'Others', '202 Birch Lane, Metropolis', '555-8765', 'samlee@email.com');
```

Output :

| Result Grid | | | | | | |
|-------------|------------|--------------------------------|---------|-----|--------------------|----------------|
| | | Filter Rows: | Export: | | Wrap Cell Content: | |
| | Field | Type | Null | Key | Default | Extra |
| ▶ | student_id | int | NO | PRI | <div>NULL</div> | auto_increment |
| | name | varchar(50) | YES | | <div>NULL</div> | |
| | dob | date | YES | | <div>NULL</div> | |
| | gender | enum('Male','Female','Others') | YES | | <div>NULL</div> | |
| | address | varchar(255) | YES | | <div>NULL</div> | |
| | phone | varchar(15) | YES | | <div>NULL</div> | |
| | email | varchar(50) | YES | | <div>NULL</div> | |

Result 15 x

Output

Action Output

| # | Time | Action |
|------|----------|---|
| ✓ 12 | 20:29:22 | SELECT * FROM Users LIMIT 0, 1000 |
| ✓ 13 | 20:39:17 | CREATE TABLE Student (student_id INT AUTO_INCREMENT PRIMARY KEY |
| ✓ 14 | 20:40:17 | DESC Student |
| ✓ 15 | 20:42:01 | INSERT INTO Student (name, dob, gender, address, phone, email) VALUES ('John Doe', '2001-03-15', 'Male', '123 Elm Street, Cityville', '555-1234', 'johndoe@email.com'), ('Jane Smith', '2000-06-22', 'Female', '456 Oak Avenue, Townsville', '555-5678', 'janesmith@email.com'), ('Alex Taylor', '2002-11-30', 'Male', '789 Pine Road, Villagetown', '555-9876', 'alextaylor@email.com'), ('Emily Johnson', '1999-09-12', 'Female', '101 Maple Street, Hamlet', '555-4321', 'emilyj@email.com'), ('Sam Lee', '2003-01-05', 'Others', '202 Birch Lane, Metropolis', '555-8765', 'samlee@email.com'); |

| Result Grid | | | | | | | |
|--------------|------------|---------------|------------|----------------|----------------------------|--------------------|----------------------|
| Filter Rows: | | Edit: | | Export/Import: | | Wrap Cell Content: | |
| | student_id | name | dob | gender | address | phone | email |
| ▶ | 1 | John Doe | 2001-03-15 | Male | 123 Elm Street, Cityville | 9873748343 | johndoe@email.com |
| | 2 | Jane Smith | 2000-06-22 | Female | 456 Oak Avenue, Townsville | 9823732376 | janesmith@email.com |
| | 3 | Alex Taylor | 2002-11-30 | Male | 789 Pine Road, Villagetown | 9654539876 | alextaylor@email.com |
| | 4 | Emily Johnson | 1999-09-12 | Female | 101 Maple Street, Hamlet | 9254584321 | emilyj@email.com |
| | 5 | Sam Lee | 2003-01-05 | Others | 202 Birch Lane, Metropolis | 9137487651 | samlee@email.com |
| ✱ | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

Student 16 ×

Output

Action Output

| # | Time | Action | Message |
|------|----------|-------------------------------------|-------------------|
| ✓ 26 | 21:07:28 | SELECT * FROM Users LIMIT 0, 1000 | 5 row(s) returned |
| ✓ 27 | 21:07:58 | DESC Student | 7 row(s) returned |
| ✓ 28 | 21:08:47 | SELECT * FROM Student LIMIT 0, 1000 | 5 row(s) returned |

Table 3 : Fees

Query :

```

CREATE TABLE Fees (
    fee_id INT AUTO_INCREMENT PRIMARY KEY,
    student_id INT NOT NULL,
    total_fee DECIMAL(10, 2),
    paid_amount DECIMAL(10, 2),
    due_date DATE,
    status ENUM('Paid', 'Unpaid') DEFAULT 'Unpaid',
    FOREIGN KEY (student_id) REFERENCES Student(student_id)
);

INSERT INTO Fees (student_id, total_fee, paid_amount, due_date, status)
VALUES
(1, 1500.00, 500.00, '2024-12-15', 'Unpaid'),
(2, 1200.00, 1200.00, '2024-11-20', 'Paid'),
(3, 1800.00, 900.00, '2024-12-01', 'Unpaid'),
(4, 1000.00, 1000.00, '2024-10-25', 'Paid'),
(5, 2000.00, 0.00, '2024-11-10', 'Unpaid');

```

Output :

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

| | Field | Type | Null | Key | Default | Extra |
|---|-------------|-----------------------|------|-----|---------|----------------|
| ▶ | fee_id | int | NO | PRI | NULL | auto_increment |
| | student_id | int | NO | MUL | NULL | |
| | total_fee | decimal(10,2) | YES | | NULL | |
| | paid_amount | decimal(10,2) | YES | | NULL | |
| | due_date | date | YES | | NULL | |
| | status | enum('Paid','Unpaid') | YES | | Unpaid | |

Result 17 ×

Output

Action Output

| # | Time | Action |
|------|----------|-------------------------------------|
| ✓ 27 | 21:07:58 | DESC Student |
| ✓ 28 | 21:08:47 | SELECT * FROM Student LIMIT 0, 1000 |
| ✓ 29 | 21:09:18 | DESC Fees |

Result Grid

Filter Rows:

Edit:

Export/

| | fee_id | student_id | total_fee | paid_amount | due_date | status |
|---|--------|------------|-----------|-------------|------------|--------|
| ▶ | 1 | 1 | 1500.00 | 500.00 | 2024-12-15 | Unpaid |
| | 2 | 2 | 1200.00 | 1200.00 | 2024-11-20 | Paid |
| | 3 | 3 | 1800.00 | 900.00 | 2024-12-01 | Unpaid |
| | 4 | 4 | 1000.00 | 1000.00 | 2024-10-25 | Paid |
| | 5 | 5 | 2000.00 | 0.00 | 2024-11-10 | Unpaid |
| * | NULL | NULL | NULL | NULL | NULL | NULL |

Fees 18 ×

Output

Action Output

| # | Time | Action |
|------|----------|-------------------------------------|
| ✓ 28 | 21:08:47 | SELECT * FROM Student LIMIT 0, 1000 |
| ✓ 29 | 21:09:18 | DESC Fees |
| ✓ 30 | 21:09:41 | SELECT * FROM Fees LIMIT 0, 1000 |

Table 4 : Marks

Query :

```
CREATE TABLE Marks (  
    mark_id INT PRIMARY KEY,  
    student_id INT NOT NULL,  
    tamil_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    english_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    maths_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    science_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    social_marks INT CHECK (marks_obtained BETWEEN 0 AND 100),  
    total_marks INT,  
    grade CHAR(1) ,  
    FOREIGN KEY (student_id) REFERENCES Students(student_id) ON DELETE CASCADE  
);
```

```
INSERT INTO Marks (mark_id, student_id, tamil_marks, english_marks, maths_marks,  
    science_marks, social_marks, total_marks, grade)
```

VALUES

```
(1, 1, 85, 90, 88, 92, 80, 435, 'A'),  
(2, 2, 78, 82, 75, 80, 88, 403, 'B'),  
(3, 3, 90, 85, 92, 87, 80, 434, 'A'),  
(4, 4, 70, 75, 80, 79, 72, 376, 'C'),  
(5, 5, 88, 91, 85, 93, 86, 443, 'A');
```

Output :

```
111 -- Insert the values on table  
112 • INSERT INTO Marks (mark_id, student_id, tamil_marks, english_marks, maths_marks, science_ma
```

Result Grid

| Field | Type | Null | Key | Default | Extra |
|---------------|---------|------|-----|---------|-------|
| mark_id | int | NO | PRI | NULL | |
| student_id | int | NO | MUL | NULL | |
| tamil_marks | int | YES | | NULL | |
| english_marks | int | YES | | NULL | |
| maths_marks | int | YES | | NULL | |
| science_marks | int | YES | | NULL | |
| social_marks | int | YES | | NULL | |
| total_marks | int | YES | | NULL | |
| grade | char(1) | YES | | NULL | |

Result 4

```

120      -- Retrieve data from the database
121 •    SELECT * FROM Marks;
122
123

```

| Result Grid | | | | | | | | | |
|--------------------|---------|------------|-------------|---------------|-------------|---------------|--------------|-------------|-------|
| Filter Rows: | | | | | | | | | |
| Edit: | | | | | | | | | |
| Export/Import: | | | | | | | | | |
| Wrap Cell Content: | | | | | | | | | |
| | mark_id | student_id | tamil_marks | english_marks | maths_marks | science_marks | social_marks | total_marks | grade |
| ▶ | 1 | 1 | 85 | 90 | 88 | 92 | 80 | 435 | A |
| | 2 | 2 | 78 | 82 | 75 | 80 | 88 | 403 | B |
| | 3 | 3 | 90 | 85 | 92 | 87 | 80 | 434 | A |
| | 4 | 4 | 70 | 75 | 80 | 79 | 72 | 376 | C |
| | 5 | 5 | 88 | 91 | 85 | 93 | 86 | 443 | A |
| * | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

Marks 5 x

Operations based on the current Student Information System design to:

1. **Add a New Student**
2. **Update a Student details**
3. **Remove a Student**
4. **Mark Entry**
5. **View Entire Student Details**

2. Update a Student details :

Query:

```
INSERT INTO Fees (student_id, total_fee, paid_amount, due_date, status)
```

```
VALUES
```

```
(6, 1500.00, 700.00, '2024-12-28', 'Unpaid');
```

```
INSERT INTO Marks (mark_id, student_id, tamil_marks, english_marks, maths_marks,
science_marks, social_marks, total_marks, grade)
```

```
VALUES
```

```
(6, 6, 90, 80, 83, 87, 85, 425, 'B');
```

```
Select * from Fees;
```

```
Select * from Marks;
```

Output:

```
149      (6, 6, 90, 80, 83, 87, 85, 425, 'B');
150
151  -- Check the updated data of New Student
152 • Select * from Fees;
153
154 • Select * from Marks;
```

| Result Grid | | | | | | |
|----------------|------------|-----------|-------------|------------|--------|--|
| Filter Rows: | | | | | | |
| Edit: | | | | | | |
| Export/Import: | | | | | | |
| fee_id | student_id | total_fee | paid_amount | due_date | status | |
| 1 | 1 | 1500.00 | 500.00 | 2024-12-15 | Unpaid | |
| 2 | 2 | 1200.00 | 1200.00 | 2024-11-20 | Paid | |
| 3 | 3 | 1800.00 | 900.00 | 2024-12-01 | Unpaid | |
| 4 | 4 | 1000.00 | 1000.00 | 2024-10-25 | Paid | |
| 5 | 5 | 2000.00 | 0.00 | 2024-11-10 | Unpaid | |
| 6 | 6 | 1500.00 | 700.00 | 2024-12-28 | Unpaid | |
| NULL | NULL | NULL | NULL | NULL | NULL | |

```
151  -- Check the updated data of New Student
152 • Select * from Fees;
153
154 • Select * from Marks;
```

| Result Grid | | | | | | | | | |
|------------------------|------------|-------------|---------------|-------------|---------------|--------------|-------------|-------|--|
| Filter Rows: | | | | | | | | | |
| Edit: | | | | | | | | | |
| Export/Import: | | | | | | | | | |
| Wrap Cell Content: I A | | | | | | | | | |
| mark_id | student_id | tamil_marks | english_marks | maths_marks | science_marks | social_marks | total_marks | grade | |
| 1 | 1 | 85 | 90 | 88 | 92 | 80 | 435 | A | |
| 2 | 2 | 78 | 82 | 75 | 80 | 88 | 403 | B | |
| 3 | 3 | 90 | 85 | 92 | 87 | 80 | 434 | A | |
| 4 | 4 | 70 | 75 | 80 | 79 | 72 | 376 | C | |
| 5 | 5 | 88 | 91 | 85 | 93 | 86 | 443 | A | |
| 6 | 6 | 90 | 80 | 83 | 87 | 85 | 425 | B | |
| NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | |

3. Remove a Student :

Query:

```
DELETE FROM Student WHERE student_id = 2;
```

```
DELETE FROM Fees WHERE student_id = 2;
```

```
Select * from Fees;
```

```
select * from Student;
```

```
Select * from Marks;
```

Output:

```
160  -- Check after the data is deleted
161 • Select * from Fees;
162 • select * from Student;
163 • Select * from Marks;
164
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

| | student_id | name | dob | gender | address | phone | email |
|---|------------|---------------|------------|--------|----------------------------|------------|----------------------|
| ▶ | 1 | John Doe | 2001-03-15 | Male | 123 Elm Street, Cityville | 9873748343 | johndoe@email.com |
| | 3 | Alex Taylor | 2002-11-30 | Male | 789 Pine Road, Villagetown | 9654539876 | alextaylor@email.com |
| | 4 | Emily Johnson | 1999-09-12 | Female | 101 Maple Street, Hamlet | 9254584321 | emilyj@email.com |
| | 5 | Sam Lee | 2003-01-05 | Others | 202 Birch Lane, Metropolis | 9137487651 | samlee@email.com |
| | 6 | Alen Doe | 2002-08-25 | Male | 123 Elm Street, Chimong | 9172542343 | alendoe@email.com |
| * | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

Student 5 x

```
160  -- Check after the data is deleted
161 • Select * from Fees;
162 • select * from Student;
163 • Select * from Marks;
164
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

| | mark_id | student_id | tamil_marks | english_marks | maths_marks | science_marks | social_marks | total_marks | grade |
|---|---------|------------|-------------|---------------|-------------|---------------|--------------|-------------|-------|
| ▶ | 1 | 1 | 85 | 90 | 88 | 92 | 80 | 435 | A |
| | 3 | 3 | 90 | 85 | 92 | 87 | 80 | 434 | A |
| | 4 | 4 | 70 | 75 | 80 | 79 | 72 | 376 | C |
| | 5 | 5 | 88 | 91 | 85 | 93 | 86 | 443 | A |
| | 6 | 6 | 90 | 80 | 83 | 87 | 85 | 425 | B |
| ✱ | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

Marks 6 x

[illegible]

5. View Entire Student Details

Query :

```
SELECT
    s.student_id,
    s.name,
    s.dob,
    s.gender,
    s.address,
    s.phone,
    s.email
    f.fee_id,
    f.total_fee,
    f.paid_amount,
    f.due_date,
    f.status,
    m.mark_id,
    m.tamil_marks,
    m.english_marks,
    m.maths_marks,
    m.science_marks,
    m.social_marks,
    m.total_marks,
    m.grade
FROM
    Student s
JOIN
    Marks m ON s.student_id = m.student_id
JOIN
    Fees f ON s.student_id = f.student_id
WHERE
    s.student_id = 4;
```

Output :


```
201      Fees f ON s.student_id = f.student_id
202  WHERE
203      s.student_id = 4;
204
205
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

| | student_id | name | dob | gender | address | phone | email | fee_id | total_fee | paid_amount |
|---|------------|---------------|------------|--------|--------------------------|------------|------------------|--------|-----------|-------------|
| ▶ | 4 | Emily Johnson | 1999-09-12 | Female | 101 Maple Street, Hamlet | 9254584321 | emilyj@email.com | 4 | 1000.00 | 1000.00 |

```
201      Fees f ON s.student_id = f.student_id
202  WHERE
203      s.student_id = 4;
204
205
```

| Result Grid | | | | | | | | | | | | | | Filter Rows: <input type="text"/> | Export: | Wrap Cell Content: | |
|-------------|-------------|------------|--------|---------|-------------|---------------|-------------|---------------|--------------|-------------|-------|--|--|-----------------------------------|---------|--------------------|--|
| | paid_amount | due_date | status | mark_id | tamil_marks | english_marks | maths_marks | science_marks | social_marks | total_marks | grade | | | | | | |
| ▶ | 1000.00 | 2024-10-25 | Paid | 4 | 70 | 75 | 80 | 79 | 72 | 376 | C | | | | | | |