

**PES UNIVERSITY**  
**Department of Computer Science & Engineering**



**DBMS - UE20CS301**  
**Mini Project**  
**Students Club Management System**

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# 1. Short Description and Scope of the Project

Students clubs management system is an organised system for storing the details of many clubs belonging to an educational institution. It includes data such as :

- ❖ Database on all the students belonging to a club.
- ❖ Database on all the clubs that exist. It includes details such as number of students belonging to that particular club, type of club, faculty coordinating that particular club and the student club head for each club.
- ❖ Database on the departments to which each student belongs to and which all clubs are maintained by each department.
- ❖ Database on faculties. This contains information related to the faculty members responsible for clubs and faculties who are head of each department.
- ❖ Database on all events organised by a particular club.

These databases coordinate with each other and store all the information regarding a students clubs management system.

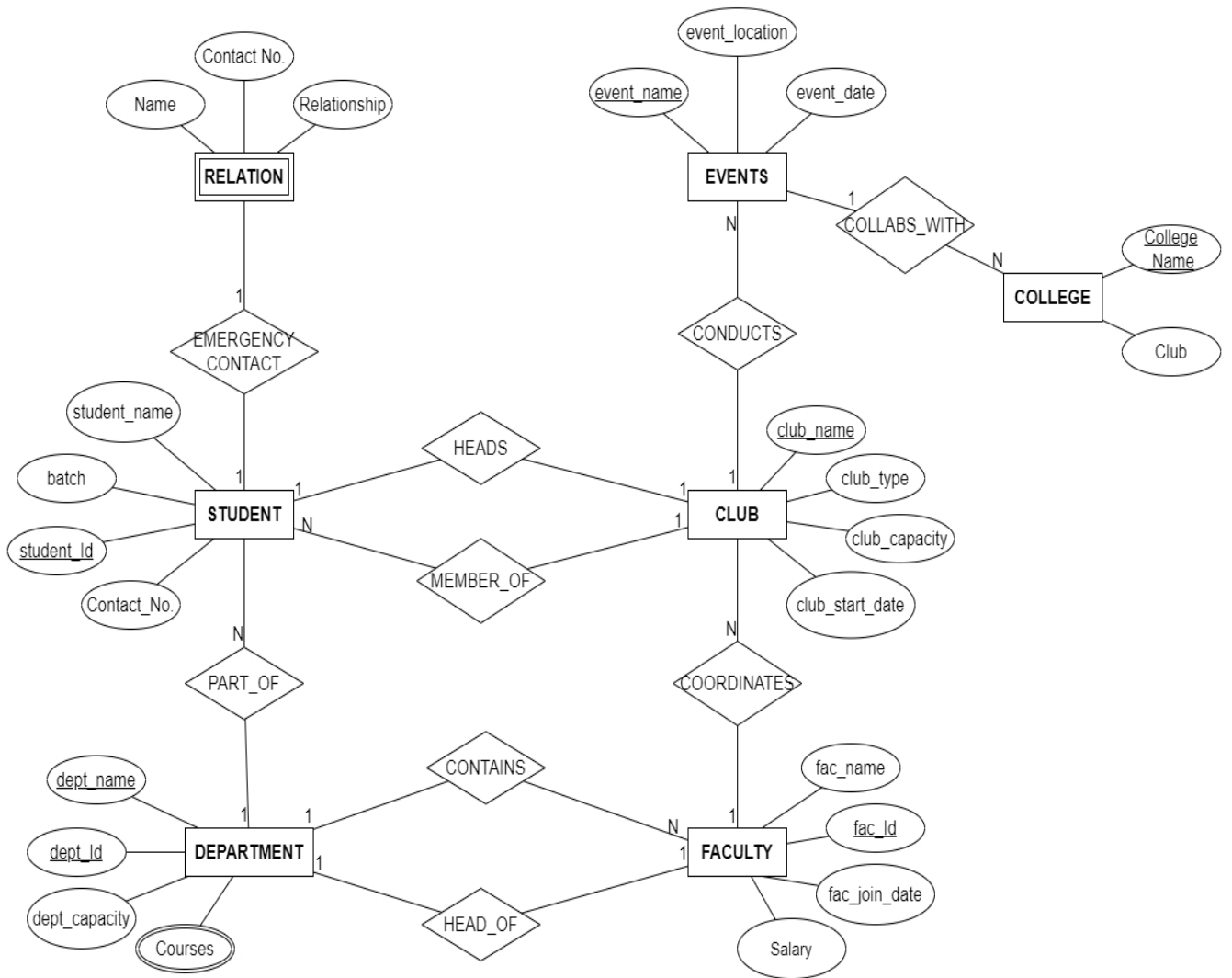
With the help of these databases, we can have many functionalities such as:

1. The education institution can generate a complete report on every club and track their activities.
2. Students can look into events and enroll in their desired club based on their interests.
3. Faculty in-charge of a club can keep record of all the students details (such as name, DOB, SRN, contact.no) belonging to their club.
4. Keep track of all the departments managing the clubs.

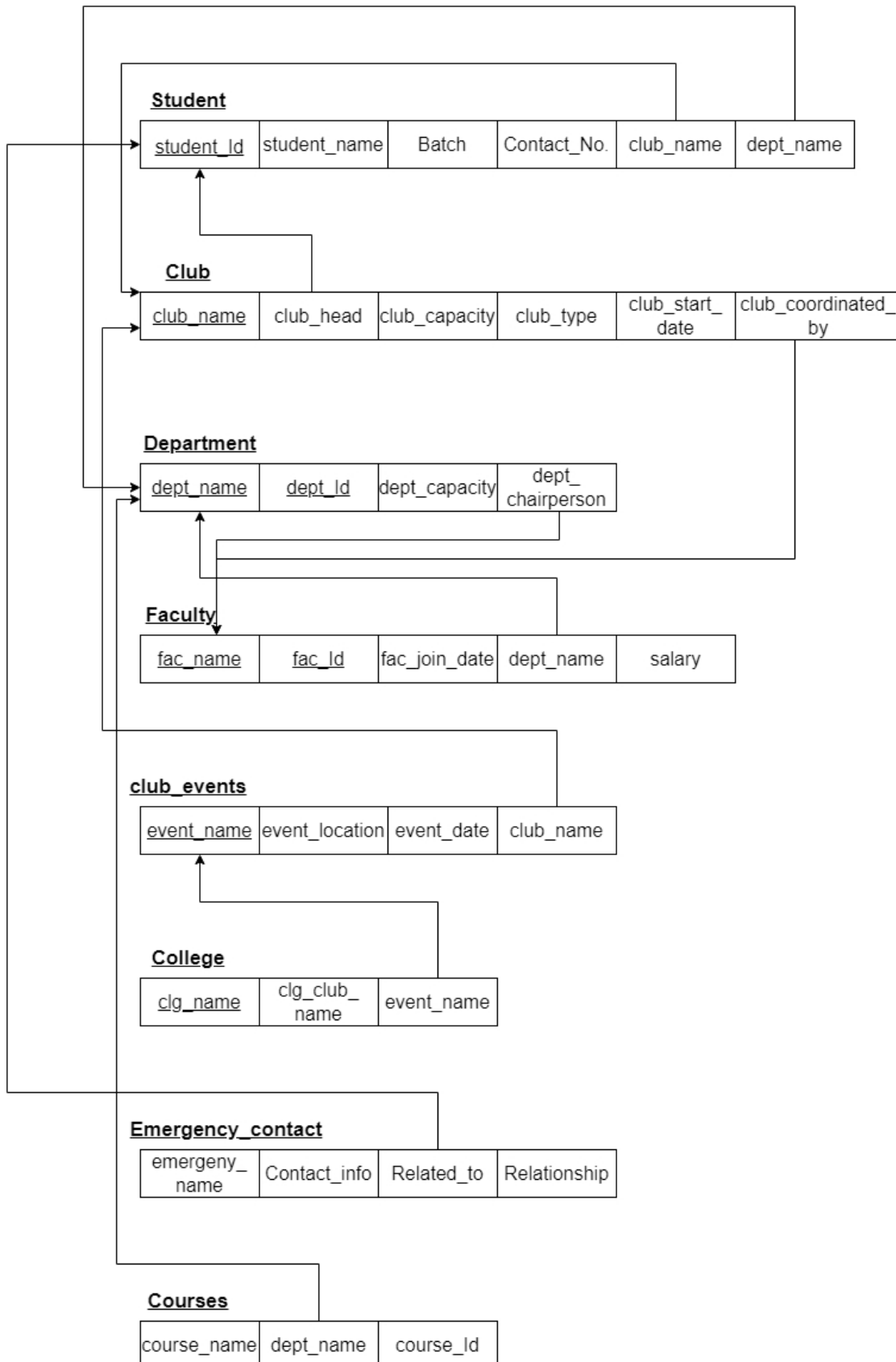
Tools being used:

- MySQL for the database to store the data.
- Streamlit for front-end
- Xampp server
- Draw.io

## 2. ER Diagram



### 3. Relational Schema



## 4. DDL statements - Building the database

### i. To create table 'club' :

```
CREATE TABLE `club` (  
  `club_name` varchar(255) NOT NULL,  
  `club_head` varchar(255) DEFAULT NULL,  
  `club_capacity` int(11) DEFAULT NULL,  
  `club_type` varchar(255) DEFAULT NULL,  
  `club_coordinated_by` varchar(255) DEFAULT NULL,  
  `club_start_date` date DEFAULT NULL  
);
```

```
ALTER TABLE `club`  
  ADD PRIMARY KEY (`club_name`),  
  ADD KEY `Club_head` (`club_head`),  
  ADD KEY `Coordinated_by` (`club_coordinated_by`);
```

```
ALTER TABLE `club`  
  ADD CONSTRAINT `club_ibfk_1` FOREIGN KEY (`Club_head`) REFERENCES `student` (`student_id`),  
  ADD CONSTRAINT `club_ibfk_2` FOREIGN KEY (`club_coordinated_by`) REFERENCES `faculty` (`fac_name`);
```

### ii. To create table 'club\_events' :

```
CREATE TABLE `club_events` (  
  `event_name` varchar(255) NOT NULL,  
  `event_location` varchar(255) DEFAULT NULL,  
  `event_date` date DEFAULT NULL,  
  `club_name` varchar(255) DEFAULT NULL  
);
```

```
ALTER TABLE `club_events`  
  ADD PRIMARY KEY (`event_name`),  
  ADD KEY `club` (`club_name`);
```

```
ALTER TABLE `club_events`  
  ADD CONSTRAINT `club_events_ibfk_1` FOREIGN KEY (`club_name`) REFERENCES `club` (`club_name`);
```

### iii. To create table 'college' :

```
CREATE TABLE `college` (  
  `clg_name` varchar(255) NOT NULL,  
  `clg_club_name` varchar(255) DEFAULT NULL,  
  `event_name` varchar(255) DEFAULT NULL  
);
```

```
ALTER TABLE `college`  
  ADD PRIMARY KEY (`clg_name`),  
  ADD KEY `event_name` (`event_name`);
```

```
ALTER TABLE `college`
```

```
ADD CONSTRAINT `college_ibfk_1` FOREIGN KEY (`event_name`) REFERENCES `club_events` (`event_name`);
```

#### iv. To create table 'courses' :

```
CREATE TABLE `courses` (  
  `course_name` varchar(255) DEFAULT NULL,  
  `course_id` varchar(255) NOT NULL,  
  `dept_name` varchar(255) DEFAULT NULL  
);
```

```
ALTER TABLE `courses`  
  ADD PRIMARY KEY (`course_id`),  
  ADD KEY `Dept` (`dept_name`);
```

```
ALTER TABLE `courses`  
  ADD CONSTRAINT `courses_ibfk_1` FOREIGN KEY (`dept_name`) REFERENCES `department` (`dept_name`);
```

#### v. To create table 'department' :

```
CREATE TABLE `department` (  
  `dept_name` varchar(255) NOT NULL,  
  `dept_ID` varchar(11) DEFAULT NULL,  
  `dept_capacity` int(11) DEFAULT NULL,  
  `dept_chairperson` varchar(255) DEFAULT NULL  
);
```

```
ALTER TABLE `department`  
  ADD PRIMARY KEY (`dept_name`),  
  ADD UNIQUE KEY `ID` (`dept_ID`),  
  ADD KEY `Chairperson` (`dept_chairperson`);
```

```
ALTER TABLE `department`  
  ADD CONSTRAINT `department_ibfk_1` FOREIGN KEY (`dept_chairperson`) REFERENCES `faculty` (`fac_name`);
```

#### vi. To create table 'emergency\_contact' :

```
CREATE TABLE `emergency_contact` (  
  `emergency_name` varchar(255) DEFAULT NULL,  
  `contact_info` bigint(10) NOT NULL,  
  `relationship` varchar(255) DEFAULT NULL,  
  `related_to` varchar(13) DEFAULT NULL  
);
```

```
ALTER TABLE `emergency_contact`  
  ADD KEY `key` (`related_to`),  
  ADD KEY `related_to` (`related_to`);
```

```
ALTER TABLE `emergency_contact`  
  ADD CONSTRAINT `emergency_contact_ibfk_1` FOREIGN KEY (`related_to`) REFERENCES `student` (`student_id`);
```

#### vii. To create table 'faculty' :

```
CREATE TABLE `faculty` (
  `fac_name` varchar(255) NOT NULL,
  `fac_id` varchar(11) NOT NULL,
  `fac_join_date` date DEFAULT NULL,
  `dept_name` varchar(255) DEFAULT NULL,
  `salary` int(11) NOT NULL
);
```

```
ALTER TABLE `faculty`
  ADD PRIMARY KEY (`fac_id`),
  ADD UNIQUE KEY `Name` (`fac_name`),
  ADD KEY `Department` (`dept_name`);
```

```
ALTER TABLE `faculty`
  ADD CONSTRAINT `faculty_ibfk_1` FOREIGN KEY (`dept_name`) REFERENCES `department` (`dept_name`);
```

### **viii. To create table 'student' :**

```
CREATE TABLE `student` (
  `student_id` varchar(13) NOT NULL,
  `student_name` varchar(255) DEFAULT NULL,
  `batch` int(4) DEFAULT NULL,
  `contact_no` bigint(10) DEFAULT NULL,
  `club_name` varchar(255) DEFAULT NULL,
  `dept_name` varchar(255) DEFAULT NULL
);
```

```
ALTER TABLE `student`
  ADD PRIMARY KEY (`student_id`),
  ADD KEY `Club` (`club_name`),
  ADD KEY `Dept` (`dept_name`);
```

```
ALTER TABLE `student`
  ADD CONSTRAINT `student_ibfk_1` FOREIGN KEY (`club_name`) REFERENCES `club` (`club_name`),
  ADD CONSTRAINT `student_ibfk_2` FOREIGN KEY (`dept_name`) REFERENCES `department` (`dept_name`);
```



## 5. Populating the Database

### i. To insert into table 'club' :

```
INSERT INTO `club` (`club_name`, `club_head`, `club_capacity`, `club_type`, `club_coordinated_by`,  
`club_start_date`) VALUES  
('HackerSpace', 'PESSTU009', 2, 'Technical', 'Ross Geller', '2018-06-11'),  
('Hashtag', 'PESSTU004', 3, 'Cultural', 'Raymond Holt', '2014-08-13'),  
('Pixelloid', 'PESSTU006', 2, 'Photography', 'Amy', '2019-12-25'),  
('Shunya', 'PESSTU002', 1, 'Mathematical', 'Natasha', '2015-04-09'),  
('Swarantraka', 'PESSTU007', 2, 'Singing', 'Tsunade', '2016-08-30'),  
('Zerospace', 'PESSTU003', 1, 'Technical', 'Kakashi', '2020-10-18');
```

### ii. To insert into table 'club\_events' :

```
INSERT INTO `club_events` (`event_name`, `event_location`, `event_date`, `club_name`) VALUES  
('Aatmatrishha', 'Ring road', '2022-04-16', 'Shunya'),  
('Avions', 'Yelahanka', '2022-02-25', 'Zerospace'),  
('In-genius', 'Ring road', '2022-09-10', 'HackerSpace'),  
('Maaya', 'Electronic City', '2022-11-12', 'Hashtag'),  
('Shaken and stirred', 'Jayanagar', '2022-07-17', 'Swarantraka'),  
('What-a-shot', 'Lal bagh', '2022-12-25', 'Pixelloid');
```

### iii. To insert into table 'college' :

```
INSERT INTO `college` (`clg_name`, `clg_club_name`, `event_name`) VALUES  
('BMS', 'tech', 'In-genius'),  
('DSCE', 'singing', 'Shaken and stirred'),  
('JSS', 'math', 'Maaya'),  
('MSR', 'space', 'Avions'),  
('RNSIT', 'dance', 'Maaya'),  
('RVCE', 'photography', 'What-a-shot'),  
('RVITM', 'hacking', 'In-genius');
```

### iv. To insert into table 'courses' :

```
INSERT INTO `college` (`clg_name`, `clg_club_name`, `event_name`) VALUES  
('BMS', 'tech', 'In-genius'),  
('DSCE', 'singing', 'Shaken and stirred'),  
('JSS', 'math', 'Maaya'),  
('MSR', 'space', 'Avions'),  
('RNSIT', 'dance', 'Maaya'),  
('RVCE', 'photography', 'What-a-shot'),  
('RVITM', 'hacking', 'In-genius');
```

### v. To insert into table 'department' :

```
INSERT INTO `department` (`dept_name`, `dept_ID`, `dept_capacity`, `dept_chairperson`) VALUES  
('Aeronautic engineering', 'PES005', 2, 'Professor Proton'),  
('Civil Engineerinnng', 'PES004', 2, 'Amy'),  
('Computer Science Engineering', 'PES001', 2, 'Walter'),  
('Electronics and Communication Engineering', 'PES002', 2, 'Ross Geller'),  
('Mechanical Engineering', 'PES003', 2, 'Dr.stone');
```

**vi. To insert into table 'emergency\_contact' :**

```
INSERT INTO `emergency_contact` (`emergency_name`, `contact_info`, `relationship`, `related_to`) VALUES
('Steve Rogers', 9564210654, 'Friend', 'PESSTU001'),
('Daenarys', 6178161801, 'Aunt', 'PESSTU002'),
('Missy', 7113220045, 'Sister', 'PESSTU003'),
('Joey', 8245007441, 'Friend', 'PESSTU004'),
('Sasuke', 6874650400, 'Brother', 'PESSTU005'),
('Jane', 7984804564, 'Friend', 'PESSTU006'),
('Ace', 9780004411, 'Brother', 'PESSTU007'),
('Charles ', 9870048940, 'Brother', 'PESSTU008'),
('Kushina', 8797070701, 'Mother', 'PESSTU009'),
('Mikkel Kahnwald', 6456006451, 'Father', 'PESSTU010');
```

**vii. To insert into table 'faculty' :**

```
INSERT INTO `faculty` (`fac_name`, `fac_id`, `fac_join_date`, `dept_name`, `salary`) VALUES
('Dr.stone', 'PESFAC001', '2012-10-01', 'Mechanical Engineering', 100000),
('Natasha', 'PESFAC002', '2019-07-24', 'Electronics and Communication Engineering', 90000),
('Kakashi', 'PESFAC003', '2012-01-17', 'Computer Science Engineering', 120000),
('Amy', 'PESFAC004', '2021-12-15', 'Civil Engineerinnng', 85000),
('Walter', 'PESFAC005', '2010-11-24', 'Computer Science Engineering', 150000),
('Professor Proton', 'PESFAC006', '2018-09-12', 'Aeronautic engineering', 105000),
('Raymond Holt', 'PESFAC007', '2021-12-15', 'Mechanical Engineering', 94000),
('Ross Geller', 'PESFAC008', '2020-08-10', 'Electronics and Communication Engineering', 90000),
('Jiraiya', 'PESFAC009', '2019-02-20', 'Aeronautic engineering', 98000),
('Tsunade', 'PESFAC010', '2022-06-11', 'Civil Engineerinnng', 120106);
```

**viii. To insert into table 'student' :**

```
INSERT INTO `student` (`student_id`, `student_name`, `batch`, `contact_no`, `club_name`, `dept_name`) VALUES
('PESSTU001', 'Tony stark', 2018, 9554234955, 'Hashtag', 'Computer Science Engineering'),
('PESSTU002', 'Jon snow', 2019, 8322111156, 'Shunya', 'Civil Engineerinnng'),
('PESSTU003', 'Sheldon', 2019, 7156483213, 'Zerospace', 'Electronics and Communication Engineering'),
('PESSTU004', 'Chandler', 2019, 7645981652, 'Hashtag', 'Electronics and Communication Engineering'),
('PESSTU005', 'Itachi', 2019, 9659883213, 'Hashtag', 'Mechanical Engineering'),
('PESSTU006', 'Jesse Pinkman', 2020, 6760974501, 'Pixelloid', 'Computer Science Engineering'),
('PESSTU007', 'Luffy', 2020, 9814146544, 'Swarantraka', 'Civil Engineerinnng'),
('PESSTU008', 'Jake ', 2020, 7168618682, 'Swarantraka', 'Electronics and Communication Engineering'),
('PESSTU009', 'Naruto', 2020, 6575768450, 'HackerSpace', 'Aeronautic engineering'),
('PESSTU010', 'Jonas Kahnwald', 2020, 7050365600, 'Pixelloid', 'Aeronautic engineering'),
('PESSTU011', 'Chota Bheem', 2019, 6624040461, 'HackerSpace', 'Aeronautic engineering');
```

## 6. Join Queries

i. Find the emergency contact of students :

```
SELECT student.student_name, emergency_contact.emergency_name, emergency_contact.relationship, emergency_contact.contact_info
FROM student
INNER JOIN emergency_contact ON emergency_contact.related_to = student.student_id;
```

student_name	emergency_name	relationship	contact_info
Tony stark	Steve Rogers	Friend	9564210654
Jon snow	Daenarys	Aunt	6178161801
Sheldon	Missy	Sister	7113220045
Chandler	Joey	Friend	8245007441
Itachi	Sasuke	Brother	6874650400
Jesse Pinkman	Jane	Friend	7984804564
Luffy	Ace	Brother	9780004411
Jake	Charles	Brother	9870048940
Naruto	Kushina	Mother	8797070701
Jonas Kahnwald	Mikkel Kahnwald	Father	6456006451

ii. Find colleges collabrating with the events :

```
SELECT club_events.event_name,college.clg_name
FROM club_events NATURAL JOIN college;
```

event_name	clg_name
In-genius	BMS
In-genius	RVITM
Maaya	JSS
Maaya	RNSIT
What-a-shot	RVCE
Shaken and stirred	DSCE
Avions	MSR

iii. Find salary of each chairperson of a department :

```
SELECT department.dept_name,faculty.salary as chairperson_salary
FROM department
LEFT JOIN faculty on faculty.fac_name = department.dept_chairperson;
```

dept_name	chairperson_salary
Civil Engineering	85000
Mechanical Engineering	100000
Aeronautic engineering	105000
Electronics and Communication Engineering	90000
Computer Science Engineering	150000

iv. Find the coordinator of each event :

```
SELECT club_events.event_name,club.club_coordinated_by AS 'Coordinator'
FROM club_events NATURAL JOIN club;
```

event_name	Coordinator
In-genius	Ross Geller
Maaya	Raymond Holt
What-a-shot	Amy
Aatmatrisha	Natasha
Shaken and stirred	Tsunade
Avions	Kakashi

## 7. Aggregate Functions

i. Find avg salary of each dept :

```
SELECT faculty.dept_name,AVG(salary) as 'Average salary'  
FROM faculty GROUP BY faculty.dept_name;
```

	dept_name	Average salary
<input type="checkbox"/> Edit Copy Delete	Aeronautic engineering	101500.0000
<input type="checkbox"/> Edit Copy Delete	Civil Engineering	102553.0000
<input type="checkbox"/> Edit Copy Delete	Computer Science Engineering	135000.0000
<input type="checkbox"/> Edit Copy Delete	Electronics and Communication Engineering	90000.0000
<input type="checkbox"/> Edit Copy Delete	Mechanical Engineering	97000.0000

ii. Find no. of events by each club :

```
SELECT club_name, COUNT(*) as 'No. of events'  
FROM club_events  
GROUP BY club_events.club_name;
```

club_name	No. of events
HackerSpace	1
Hashtag	1
Pixelloid	1
Shunya	1
Swarantraka	1
Zerospace	1

iii. Find faculty with most experience :

```
SELECT *  
FROM faculty  
WHERE fac_join_date = (SELECT MIN(faculty.fac_join_date) FROM faculty);
```

	fac_name	fac_Id	fac_join_date	dept_name	salary
<input type="checkbox"/> Edit Copy Delete	Walter	PESFAC005	2010-11-24	Computer Science Engineering	150000

iv. Calculate number of students in each club and arrange in descending order :

```
SELECT club_name,COUNT(*) as 'No. of students'  
FROM student  
GROUP BY student.club_name ORDER BY COUNT(*) DESC;
```

club_name	No. of students
Hashtag	3
HackerSpace	2
Pixelloid	2
Swarantraka	2
Shunya	1
Zerospace	1

## 8. Set Operations

- i. Find all faculty who are not coordinating any club :

```
SELECT faculty.fac_name  
FROM faculty  
WHERE faculty.fac_name NOT IN(SELECT club.club_coordinated_by FROM club);
```

				fac_name
<input type="checkbox"/>				Dr.stone
<input type="checkbox"/>				Jiraiya
<input type="checkbox"/>				Professor Proton
<input type="checkbox"/>				Walter

- ii. Find all faculties who are chairperson of a dept and also coordinate a club :

```
SELECT department.dept_chairperson AS 'Faculty'  
FROM department  
WHERE EXISTS(SELECT club.club_coordinated_by FROM club WHERE club.club_coordinated_by=de  
partment.dept_chairperson);
```

				Faculty
<input type="checkbox"/>				Amy
<input type="checkbox"/>				Ross Geller

- iii. Find all students who are club heads and belong to ECE department :

```
SELECT club.club_head  
FROM club  
WHERE club.club_head IN (SELECT student.student_id FROM student WHERE student.dept_name =  
'Electronics and Communication Engineering');
```

				club_head
<input type="checkbox"/>				PESSTU003
<input type="checkbox"/>				PESSTU004

- iv. Find all events which do not collabrate with any other colleges :

```
SELECT club_events.event_name  
FROM club_events  
LEFT OUTER JOIN college USING(event_name) WHERE college.event_name IS NULL;
```

event_name
------------

Aatmatrisha
-------------



## 9. Functions and Procedures

### i. Function :

Check the number of events organised by a club and alert if the number of events exceeds 2.

```
DELIMITER $$
CREATE FUNCTION No_of_events(clubName varchar(255))
RETURNS varchar(255)
DETERMINISTIC
BEGIN
    DECLARE message varchar(255) ;
    DECLARE no_of_events int;
    SET no_of_events = (SELECT COUNT(*) from club_events where
clubName=club_events.club_name);
    IF no_of_events>2 THEN
        SET message = Concat('Number of events:',convert(no_of_events,char),'cannot
organise more events');
    ELSE
        SET message = Concat('Number of events:',convert(no_of_events,char),'can organise more
events');
    END IF;
    RETURN message;
END $$
```

❖ Let's check for a club who has organised 1 event -

Execute routine `No\_of\_events`

Routine parameters

Name	Type	Function	Value
clubName	VARCHAR	<div></div>	Hashtag

Go

Close

Execution results of routine `No\_of\_events`

No\_of\_events

Number of events:1,can organise more events

❖ Let's check for a club who has organised 3 events -

Execute routine `No\_of\_events` ☐

Routine parameters

Name	Type	Function	Value
clubName	VARCHAR	<input type="text"/>	<input type="text" value="Pixelloid"/>

Go Close

Execution results of routine `No\_of\_events`

No\_of\_events

Number of events:3,cannot organise more events

## ii. Stored procedure :

Calculate the age of a club.

```
DELIMITER $$
CREATE PROCEDURE calculate_club_age(IN clubname varchar(255),out age int)
BEGIN
    DECLARE uid varchar(255);
    DECLARE start_date date;
    SET uid = (SELECT club_name FROM club WHERE clubname = club.club_name);
    SET start_date = (SELECT club_start_date FROM club WHERE club.club_name=uid);
    SET age = (SELECT datediff(CURRENT_DATE(),start_date)/365);
    IF uid != NULL THEN
```

```
UPDATE club
SET Age = @age WHERE club_name=uid;
END IF;
END;$$
DELIMITER ;
```

Execute routine `calculate\_club\_age`

Routine parameters

Name	Type	Function	Value
clubname	VARCHAR	<div></div>	<div>Hashtag</div>
age	INT	--	<div></div>

Go

Close

Execution results of routine `calculate\_club\_age`

age

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## 10. Triggers and Cursors

### i. Trigger

Update the capacity of the club on adding a new student to the club.

```
CREATE TRIGGER updateClubCapacity
AFTER INSERT ON student
FOR EACH ROW BEGIN UPDATE club
SET club.club_capacity = club.club_capacity + 1
WHERE club.club_name = New.club_name;
END;
```

Before adding a student to the club :

club_name	club_head	club_capacity	club_type	club_coordinated_by	club_start_date
HackerSpace	PESSTU009	2	Technical	Ross Geller	2018-06-11

Adding a new student to club 'HackerSpace' :

```
INSERT INTO `student` (`student_id`, `student_name`, `batch`, `contact_no`, `club_name`, `dept_name`) VALUES ('PESSTU012', 'Itadori', '2019', '7860401210', 'HackerSpace', 'Computer Science Engineering');
```

After insertion :

club_name	club_head	club_capacity	club_type	club_coordinated_by	club_start_date
HackerSpace	PESSTU009	3	Technical	Ross Geller	2018-06-11

### ii. Cursor

Calculate experience of a faculty using their join date. Create a procedure and use cursors to execute the operation.

```
DELIMITER $$
CREATE PROCEDURE calculate_experience(IN Name varchar(255),out experience int)
BEGIN
    DECLARE uid varchar(255);
    DECLARE join_date date;
    DECLARE new_cursor CURSOR FOR SELECT faculty.fac_name FROM faculty WHERE
    Name=faculty.fac_name;
    OPEN new_cursor;
    FETCH new_cursor INTO uid;
    SET join_date = (SELECT fac_join_date FROM faculty WHERE      faculty.fac_name=uid);
    SET experience = (SELECT datediff(CURRENT_DATE(),join_date)/365);
    IF uid != NULL THEN
        UPDATE faculty
```

```

        SET fac_experience = @experience WHERE fac_name=uid;
    CLOSE new_cursor;
END IF;
END;$$
DELIMITER ;

```

Execute routine `calculate\_experience`

Routine parameters

Name	Type	Function	Value
Name	VARCHAR	<div></div>	<div>Walter</div>
experience	INT	--	<div></div>

Go

Close

Execution results of routine `calculate\_experience`

experience
12

## 11. Developing a Frontend

i. Adding a student to the database :

Menu  
Add

### Student Club Management System

Enter Student Details:

student_id	batch	club_name
PESSTU013	2018	Pixelloid
student_name	contact_no	dept_name
sehag	8296390830	Computer Science Engi...

Add student

Successfully added Student: sehag

ii. View all the students in the database :

Menu  
View

### Student Club Management System

View students

	student_id	student_name	batch	contact_no	club_name	dept_name
3	PESSTU004	Chandler	2019	7645981652	Hashtag	Electronics and Communication Eng
4	PESSTU005	Itachi	2019	9659883213	Hashtag	Mechanical Engineering
5	PESSTU006	Jesse Pinkman	2020	6760974501	Pixelloid	Computer Science Engineering
6	PESSTU007	Luffy	2020	9814146544	Swarantraka	Civil Engineerinn
7	PESSTU008	Jake	2020	7168618682	Swarantraka	Electronics and Communication Eng
8	PESSTU009	Naruto	2020	6575768450	HackerSpace	Aeronautic engineering
9	PESSTU010	Jonas Kahnwald	2020	7050365600	Pixelloid	Aeronautic engineering
10	PESSTU011	Chota Bheem	2019	6624040461	HackerSpace	Aeronautic engineering
11	PESSTU012	Itadori	2019	7860401210	HackerSpace	Computer Science Engineering
12	PESSTU013	sehag	2018	8296390830	Pixelloid	Computer Science Engineering

iii. Update a student information :

Menu

Edit

## Student Club Management System

### Update student information

Current students

Students to Edit

sehag

student_id	batch	club_name
PESSTU013	2018	Shunya
student_name	contact_no	dept_name
Sehag A	8296390830	Computer Science Engi...

Update Student

Successfully updated values for student:: sehag to ::Sehag A

iv. Remove a student from the database :

Menu

Remove

## Student Club Management System

### Delete student information

Current data

Task to Delete

Sehag A

Do you want to delete ::Sehag A

Delete student

Student has been deleted successfully

Updated data

## 12. Conclusion

This database can store all the information regarding a students,clubs,club events,faculties and many more information which are essential for managing all the clubs in an organisation.With the help of these databases,we can have many functionalities such as the education institution can generate a complete report on every club and track their events, students can look into events and enroll in their desired club based on their interests, faculty in-charge of a club can keep record of all the students details(such as name,DOB,SRN,contact.no) belonging to their club, keep track of all the departments managing the clubs.

The front-end so developed makes it user-friendly for the users to manage their database.