PES UNIVERSITY, BANGALORE

Department of Computer Science and Engineering

B. Tech (CSE) – 5th Semester – Aug-Dec 2023

DATABASE MANAGEMENT SYSTEM

UE21CS351A

TEAM ID: 34

PROJECT TITLE: UNIVERSITY CLUB MANAGEMENT SYSTEM

PROJECT PRESENTED BY:

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August - Dec 2023

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PES UNIVERSITY

BENGALURU - 560100, KARNATAKA INDIA

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Purpose Of The Project

The University Club Management Database project aims to create and establish a centralized, efficient system for the complete management and organization of information pertaining to the clubs in the University and the large number of events organized within a single academic year. There are neatly 70 student-run clubs and approximately 120 events organized . This database will serve as an invaluable resource for the student community and the University.

The primary objective is to facilitate ease of details regarding clubs and events which can be used by students to identify and join clubs, and participate in events that align with their interests. By incorporating data about the member students, the coordinators and club organizers can gain insights into the student body and monitor participation.

The University Club Management Database aims to manage the diverse club ecosystem and provide student efficient means of discovering and engaging in activities that resonate with their interests. This can elevate student engagement and community building.

Scope Of The Project

This project aims to :

1) Collect accurate and up to date information about all the clubs , member students, events, faculty coordinator.

2) Provide all students access to the information about the clubs and the events.

3) Implement authentication mechanisms to ensure only authorized individuals can access and modify certain parts of the database.

4) Develop functionalities to update,delete,add records to maintain consistency.

5) Provide security to sensitive information.

6) Ensure that the database is able to accommodate the potential growth of clubs , events and member students.

Project Overview

The University Club Management Database system will include information about the clubs, events, members students, participating students, guests invited for the events, and faculty coordinator for the clubs. This system typically provides a centralized hub for students, faculty and members to efficiently organize and oversee various club related activities.

Project Functionalities

1) All valid students must be able to view the clubs and the events.

2) The faculty coordinator should be able to monitor club and event related information.

3) The Club heads must be able to add,delete and new members to the club and make changes in the leadership of domains.

4) Display all the upcoming events scheduled to happen in a given timespan.

5) Display all the previous events organized.

6) Data Security for all the sensitive data about the members and participating students.

7) Data updation is timely to keep the system updated for maximum efficiency.

8) Students belonging to any of the clubs will be able to see their current memberships and roles along with their past club associations.

System Features And Functional Requirements

1) **View Clubs and Events**: All students belonging to University should be able to view the clubs and events happening in the university.

2) **Member Management** : The authorized individuals (Club Heads) should be able to add,delete members to the club, under a specific domain. The club heads can also make changes in the roles of the member students.
Functional Requirement: Login using Valid ID and Password. The club heads must have the information about the Member student, the club they are joining and the domain they will work for.

3) **Event Management** : The authorized individuals(Faculty Coordinator) should be able to add information about the events and guests to the database. The inputs required are that of the EVENT and GUEST entity.

4) **Guest Management**: The dignitaries invited for the events can also be stored. The information about the guest and the event they are attending can be entered into the database.

5) **View Club Members** : The authorized individuals should be able to view the members of the club. The

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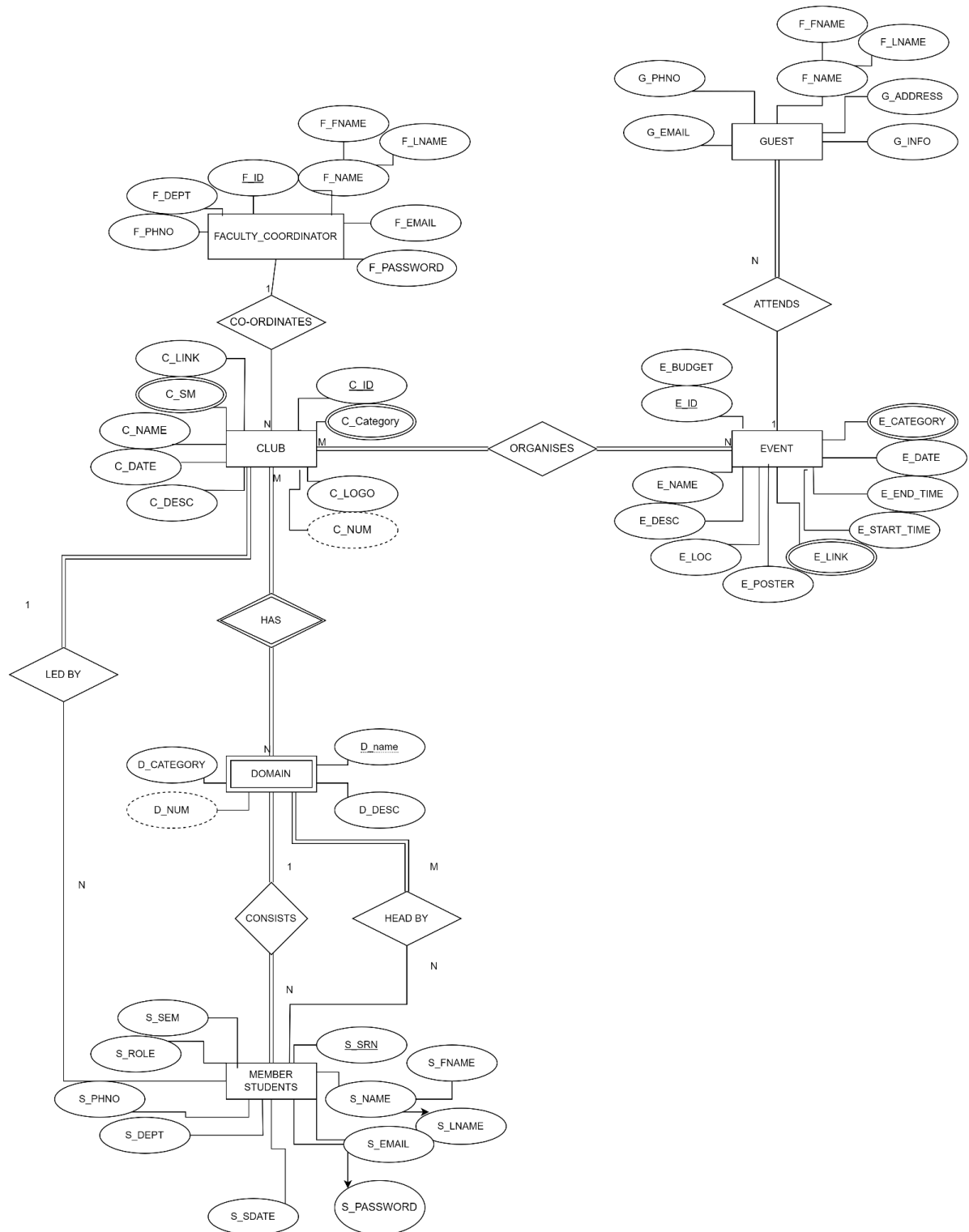
name of the club which is of interest is the input.

6) **View Club Memberships :** Member students should be able to see their active club memberships and roles and their past club memberships.

7) **Authentication and Authorisation :** Implement user authentication to ensure that only authorized individuals can access and modify specific parts of the database. Only the coordinators whose information is a part of the database will be eligible to modify the data. The Club heads can modify data pertaining to their club alone.
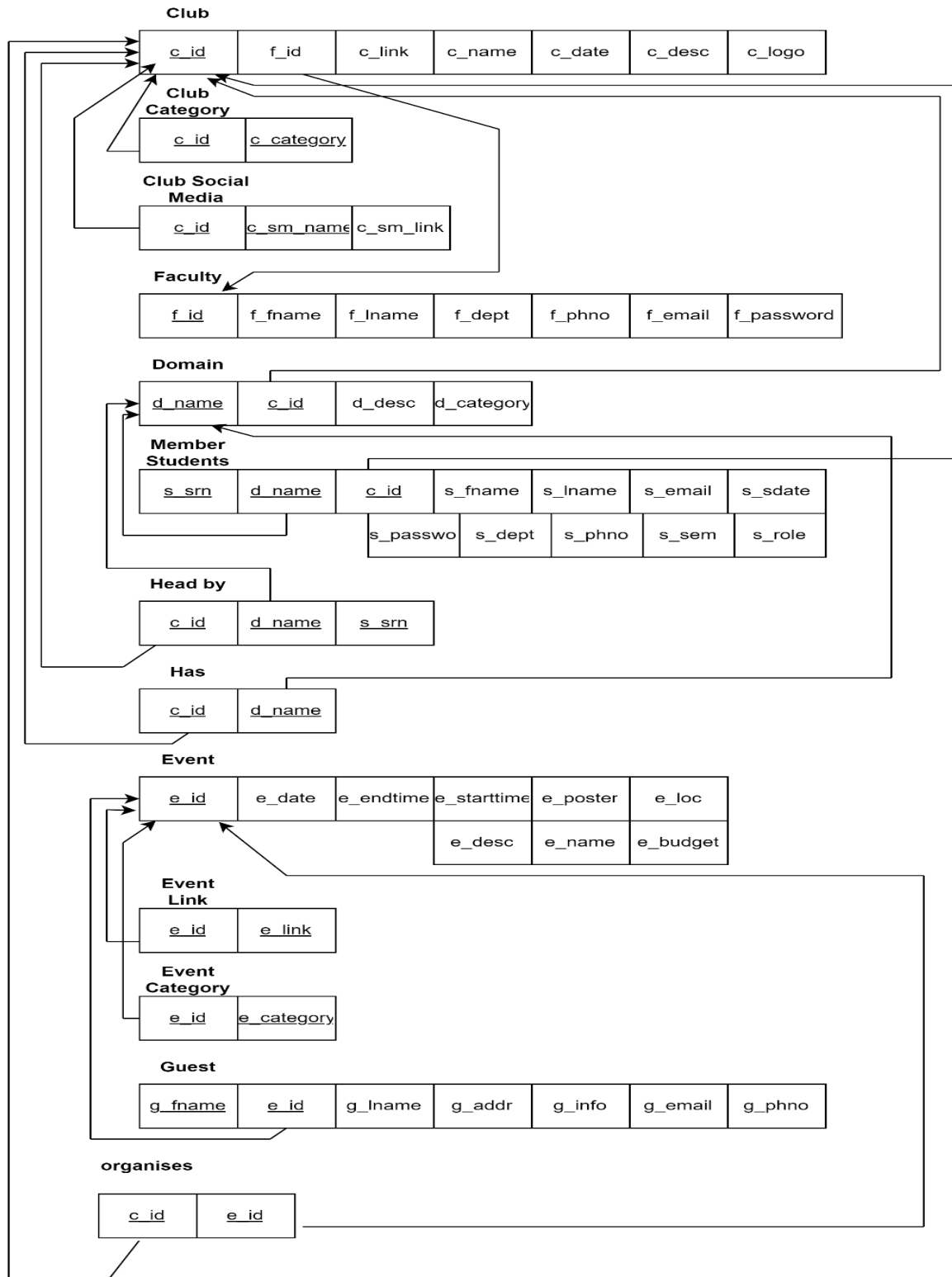
8) **Store Past Record:** Maintain record of past events (including participants, guests).

Entity Relation Diagram

RELATIONAL SCHEMA

Club

c_id	f_id	c_link	c_name	c_date	c_desc	c_logo

Club Category

c_id	c_category

Club Social Media

c_id	c_sm_name	c_sm_link

Faculty

f_id	f_fname	f_lname	f_dept	f_phno	f_email	f_password

Domain

d_name	c_id	d_desc	d_category

Member Students

s_srn	d_name	c_id	s_fname	s_lname	s_email	s_sdate
			s_passwo	s_dept	s_phno	s_sem	s_role

Head by

c_id	d_name	s_srn

Has

c_id	d_name

Event

e_id	e_date	e_endtime	e_starttime	e_poster	e_loc
			e_desc	e_name	e_budget

Event Link

e_id	e_link

Event Category

e_id	e_category

Guest

g_fname	e_id	g_lname	g_addr	g_info	g_email	g_phno

organises

c_id	e_id

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TRIGGERS

1)   TRIGGER 1
A) DEFINITION

DELIMITER //

CREATE TRIGGER after_delete_student

AFTER DELETE

ON member_students FOR EACH ROW

BEGIN

   INSERT INTO backup_table (S_SRN, D_NAME, C_ID, S_FNAME, S_LNAME, S_SEM, S_EMAIL,S_DEPT, S_PHNO, S_SDATE, S_EDATE, S_ROLE)

   VALUES (OLD.S_SRN, OLD.D_NAME, OLD.C_ID, OLD.S_FNAME, OLD.S_LNAME, OLD.S_SEM, OLD.S_EMAIL,OLD.S_DEPT,OLD.S_PHNO, OLD.S_SDATE, CURDATE(), OLD.S_ROLE);

END;

//

DELIMITER   ;

B)   STATEMENT THAT FIRES THE TRIGGER

DELETE FROM MEMBER_STUDENTS WHERE S_SRN="%S".

Here, %S is a placeholder for the srn of the student that should be deleted.

OUTPUTS:

```
mysql> select * from member_students;
+--------------+--------------+------------+-----------+-----------+----------------------+------------+---------+------------+--------+-------------+--------------+
| S_SRN        | D_NAME       | C_ID       | S_FNAME   | S_LNAME   | S_EMAIL              | S_SDATE    | S_DEPT  | S_PHNO     | S_SEM  | S_ROLE      | S_PASSWORD   |
+--------------+--------------+------------+-----------+-----------+----------------------+------------+---------+------------+--------+-------------+--------------+
| PES1UG21CS300 | CAMPAIGNING  | PESURRC015 | ARYA      | MALHOTRA  | ARYA@GMAIL.COM       | 2022-01-01 | CS      | 9876543210 | 5      | MEMBER      | PES1UG21CS300 |
| PES1UG21CS301 | Technical    | PESURRC006 | Bhuvan    | Singh     | bhuvan@gmail.com     | 2023-05-05 | CS      | 2345678901 | 3      | CLUB HEAD   | PES1UG21CS301 |
| PES1UG21CS302 | Campaigning  | PESURRC015 | Charan    | Khanna    | charan@gmail.com     | 2023-08-05 | EE      | 9876543278 | 5      | CLUB HEAD   | PES1UG21CS302 |
| PES1UG21CS303 | Logistics    | PESURRC015 | Divya     | Suresh    | divya@gmail.com      | 2023-03-05 | EC      | 9853681890 | 3      | MEMBER      | PES1UG21CS303 |
| PES1UG21CS305 | Logistics    | PESURRC006 | Esha      | Ramesh    | esha@gmail.com       | 2023-05-11 | ME      | 9876543201 | 5      | MEMBER      | PES1UG21CS305 |
| PES1UG21CS310 | Social Media | PESURRC006 | Nikita    | Kamlesh   | nikita@gmail.com     | 2023-04-05 | CS      | 9067543211 | 2      | MEMBER      | PES1UG21CS310 |
| PES1UG21CS311 | Marketting   | PESURRC027 | Niveditha | Sinha     | nive@gmail.com       | 2023-06-05 | MA      | 9876543233 | 6      | DOMAIN HEAD | PES1UG21CS311 |
| PES1UG21CS320 | Marketting   | PESURRC027 | Rohini    | Kamboj    | rohini@gmail.com     | 2022-07-05 | MA      | 5678901234 | 4      | MEMBER      | PES1UG21CS320 |
| PES1UG21CS322 | Logistics    | PESURRC015 | Sai       | Sayed     | sai@gmail.com        | 2023-10-05 | EC      | 9087654321 | 7      | MEMBER      | PES1UG21CS322 |
| PES1UG21CS325 | Technical    | PESURRC015 | Tanya     | Thakur    | tanya@gmail.com      | 2022-10-05 | BT      | 6789034521 | 8      | MEMBER      | PES1UG21CS325 |
| PES1UG21CS326 | Technical    | PESURRC015 | Isha      | Malhotra  | ish@gmail.com        | 2022-10-05 | ME      | 4682883393 | 3      | CLUB HEAD   | PES1UG21CS326 |
| PES1UG21CS327 | Logistics    | PESURRC027 | Samarth   | Malviya   | smarth@gmail.com     | 2022-10-05 | DES     | 47474747743 | 3     | MEMBER      | PES1UG21CS327 |
| PES1UG21CS373 | Marketing    | PESURRC006 | Abhishek  | Mohan     | mohan@gmail.com      | 2022-10-05 | CS      | 9387642350 | 5      | CLUB HEAD   | PES1UG21CS373 |
| PES1UG21CS377 | Social Media | PESURRC027 | Ankita    | Lokhande  | rohini3@gmail.com    | 2023-10-05 | CS      | 6788992736 | 5      | DOMAIN HEAD | PES1UG21CS377 |
| PES1UG21CS380 | logistics    | PESURRC015 | Nidhi     | P G       | nidhi@gmail.com      | 2023-11-15 | CS      | 9080706050 | 5      | MEMBER      | PES1UG21CS000 |
| PES1UG21CS391 | CAMPAIGNING  | PESURRC015 | VICKY     | SINGH     | NIKKI@GMAIL.COM      | 2022-01-01 | CS      | 9345782633 | 7      | MEMBER      | PES1UG21CS390 |
| PES1UG21CS391 | Social Media | PESURRC027 | Vicky     | Singh     | nikki@gmail.com      | 2022-10-05 | ME      | 9345782633 | 7      | CLUB HEAD   | PES1UG21CS391 |
| PES1UG21CS392 | Logistics    | PESURRC002 | Rohan     | Singh     | rohan@gmail.com      | 2022-10-05 | ME      | 9345782733 | 5      | CLUB HEAD   | PES1UG21CS392 |
| PES1UG21CS393 | Logistics    | PESURRC003 | Sohan     | Shiva     | sohan@gmail.com      | 2022-10-05 | CS      | 6789284329 | 5      | CLUB HEAD   | PES1UG21CS393 |
| PES1UG21CS394 | Marketting   | PESURRC004 | Monica    | Nair      | monica@gmail.com     | 2022-10-05 | EC      | 9345782644 | 5      | CLUB HEAD   | PES1UG21CS394 |
| PES1UG21CS395 | Social Media | PESURRC005 | Debeena   | Nair      | debeena@gmail.com    | 2022-10-05 | CS      | 9345782655 | 5      | CLUB HEAD   | PES1UG21CS395 |
| PES1UG21CS396 | Marketting   | PESURRC007 | Rajeev    | Nair      | rajeev@gmail.com     | 2022-10-05 | CS      | 9345782666 | 5      | CLUB HEAD   | PES1UG21CS396 |
| PES1UG21CS397 | Social Media | PESURRC008 | Sanjay    | Warrier   | sanjay@gmail.com     | 2022-10-05 | EC      | 9345782677 | 5      | CLUB HEAD   | PES1UG21CS397 |
| PES1UG21CS398 | Campaigning  | PESURRC009 | Sandeep   | Warrier   | sandeep@gmail.com    | 2022-10-05 | EC      | 9345782688 | 7      | CLUB HEAD   | PES1UG21CS398 |
| PES1UG21CS399 | Social Media | PESURRC010 | Neha      | Gowda     | neha@gmail.com       | 2022-10-05 | EC      | 9345782699 | 7      | CLUB HEAD   | PES1UG21CS399 |
| PES1UG21CS402 | Logistics    | PESURRC013 | Deepika   | Gowda     | deepika@gmail.com    | 2022-10-05 | EE      | 9345232633 | 7      | CLUB HEAD   | PES1UG21CS402 |
| PES1UG21CS403 | Logistics    | PESURRC014 | Shaheen   | Nair      | shaheen@gmail.com    | 2022-10-05 | MA      | 9345242633 | 3      | CLUB HEAD   | PES1UG21CS403 |
| PES1UG21CS404 | Logistics    | PESURRC016 | Nila      | Nair      | nila@gmail.com       | 2022-10-05 | MA      | 9345782633 | 3      | CLUB HEAD   | PES1UG21CS404 |
| PES1UG21CS405 | Marketting   | PESURRC017 | Naina     | Singh     | naina@gmail.com      | 2022-10-05 | DES     | 8345782633 | 3      | CLUB HEAD   | PES1UG21CS405 |
| PES1UG21CS406 | Marketting   | PESURRC018 | Niroop    | Singh     | nirrrop@gmail.com    | 2022-10-05 | ARCH    | 8845782633 | 3      | CLUB HEAD   | PES1UG21CS406 |
| PES1UG21CS407 | Marketting   | PESURRC019 | Nayana    | Malhotra  | nayana@gmail.com     | 2022-10-05 | ARCH    | 9375782633 | 3      | CLUB HEAD   | PES1UG21CS407 |
| PES1UG21CS408 | Social Media | PESURRC020 | Meghna    | Advani    | meghna@gmail.com     | 2022-10-05 | MA      | 9345782733 | 3      | CLUB HEAD   | PES1UG21CS408 |
| PES1UG21CS409 | Social Media | PESURRC021 | Sandhya   | Ambani    | sandhya@gmail.com    | 2022-10-05 | CS      | 9345787633 | 6      | CLUB HEAD   | PES1UG21CS409 |
| PES1UG21CS410 | Social Media | PESURRC022 | Satish    | Ambani    | satish@gmail.com     | 2022-10-05 | CS      | 9345702633 | 5      | CLUB HEAD   | PES1UG21CS410 |
| PES1UG21CS411 | Marketting   | PESURRC023 | Veena     | Khanna    | veena@gmail.com      | 2022-10-05 | CS      | 9345082633 | 5      | CLUB HEAD   | PES1UG21CS411 |
| PES1UG21CS412 | Marketting   | PESURRC024 | Sujith    | Khanna    | sujith@gmail.com     | 2022-10-05 | CS      | 9305782633 | 5      | CLUB HEAD   | PES1UG21CS412 |
| PES1UG21CS413 | Campaigning  | PESURRC025 | Suresh    | Sayed     | suresh@gmail.com     | 2022-10-05 | CS      | 9345782630 | 5      | CLUB HEAD   | PES1UG21CS413 |
| PES1UG21CS414 | Campaigning  | PESURRC026 | Ali       | Sayed     | ali@gmail.com        | 2022-10-05 | ME      | 9345782603 | 5      | CLUB HEAD   | PES1UG21CS414 |
| PES1UG21CS415 | Campaigning  | PESURRC028 | Saniya    | Singh     | saniya@gmail.com     | 2022-10-05 | ME      | 9045782633 | 5      | CLUB HEAD   | PES1UG21CS415 |
| PES1UG21CS416 | Logistics    | PESURRC029 | Sunaina   | Lokhande  | sunaina@gmail.com    | 2022-10-05 | ME      | 9745782633 | 5      | CLUB HEAD   | PES1UG21CS416 |
| PES1UG21CS417 | Marketting   | PESURRC030 | Riddhi    | Lokhande  | riddhi@gmail.com     | 2022-10-05 | EE      | 9340782633 | 5      | CLUB HEAD   | PES1UG21CS417 |
| PES1UG21CS418 | Logistics    | PESURRC031 | Ruhi      | Kulkarni  | ruhi@gmail.com       | 2022-10-05 | EE      | 9045782633 | 5      | CLUB HEAD   | PES1UG21CS418 |
| PES1UG21CS419 | Campaigning  | PESURRC032 | Prerana   | Kulkarni  | prerana@gmail.com    | 2022-10-05 | EE      | 7045782633 | 5      | CLUB HEAD   | PES1UG21CS419 |
| PES1UG21EC001 | Campaigning  | PESURRC006 | Anna      | Thomas    | athomas@gmail.com    | 2023-11-05 | EC      | 8070605040 | 3      | DOMAIN HEAD | PES1UG21EC001 |
| PES1UG21EE111 | SOCIAL MEDIA | PESURRC001 | BHASKAR   | JYOTHI    | bhaskarj@gmail.com   | 2021-01-01 | EE      | 8192036547 | 3      | CLUB HEAD   | PES1UG21EE111 |
| PES1UG22CS211 | LOGISTICS    | PESURRC003 | JIYA      | JAIN      | jj@gmail.com         | 2023-11-17 | CS      | 7868589808 | 3      | MEMBER      | PES1UG22CS211 |
| PES1UG23CS001 | logistics    | PESURRC027 | NAINA     | RAO       | nainarao@gmail.com   | 2023-11-22 | SH      | 8585858585 | 1      | MEMBER      | PES1UG23CS001 |
| PES1UG23EE100 | Campaigning  | PESURRC027 | Jayanth   | K         | jk@gmail.com         | 2023-11-21 | SH      | 9192939495 | 1      | DOMAIN HEAD | PES1UG23EE100 |
| PES2UG22ME111 | Campaigning  | PESURRC027 | RAKESH    | SHASTHRI  | rk@gmail.com         | 2023-11-17 | ME      | 8787876655 | 3      | MEMBER      | PES2UG22ME111 |
+--------------+--------------+------------+-----------+-----------+----------------------+------------+---------+------------+--------+-------------+--------------+
49 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM BACKUP_TABLE;
+--------------+--------------+------------+-----------+-----------+----------------------+------------+------------+---------+------------+--------+-------------+
| S_SRN        | D_NAME       | C_ID       | S_FNAME   | S_LNAME   | S_EMAIL              | S_SDATE    | S_EDATE    | S_DEPT  | S_PHNO     | S_SEM  | S_ROLE      |
+--------------+--------------+------------+-----------+-----------+----------------------+------------+------------+---------+------------+--------+-------------+
| PES1UG21CS005 | Social Media | PESURRC027 | Omkar     | Jois      | omkarjois@gmail.com  | 2023-11-21 | 2023-11-21 | CS      | 8908908900 | 5      | DOMAIN HEAD |
| PES1UG21CS380 | logistics    | PESURRC027 | Nidhi     | P G       | nidhi@gmail.com      | 2023-11-15 | 2023-11-17 | CS      | 9080706050 | 5      | MEMBER      |
| PES2UG22ME111 | LOGISTICS    | PESURRC003 | RAKESH    | SHASTHRI  | rs@gmail.com         | 2022-03-03 | 2023-11-17 | ME      | 8787876655 | 3      | MEMBER      |
+--------------+--------------+------------+-----------+-----------+----------------------+------------+------------+---------+------------+--------+-------------+
3 rows in set (0.00 sec)

mysql> DELETE FROM MEMBER_STUDENTS WHERE S_SRN='PES1UG23EE100';
Query OK, 1 row affected (0.05 sec)

mysql> SELECT * FROM BACKUP_TABLE;
+--------------+--------------+------------+-----------+-----------+----------------------+------------+------------+---------+------------+--------+-------------+
| S_SRN        | D_NAME       | C_ID       | S_FNAME   | S_LNAME   | S_EMAIL              | S_SDATE    | S_EDATE    | S_DEPT  | S_PHNO     | S_SEM  | S_ROLE      |
+--------------+--------------+------------+-----------+-----------+----------------------+------------+------------+---------+------------+--------+-------------+
| PES1UG21CS005 | Social Media | PESURRC027 | Omkar     | Jois      | omkarjois@gmail.com  | 2023-11-21 | 2023-11-21 | CS      | 8908908900 | 5      | DOMAIN HEAD |
| PES1UG21CS380 | logistics    | PESURRC027 | Nidhi     | P G       | nidhi@gmail.com      | 2023-11-15 | 2023-11-17 | CS      | 9080706050 | 5      | MEMBER      |
| PES1UG23EE100 | Campaigning  | PESURRC027 | Jayanth   | K         | jk@gmail.com         | 2023-11-21 | 2023-12-01 | SH      | 9192939495 | 1      | DOMAIN HEAD |
| PES2UG22ME111 | LOGISTICS    | PESURRC003 | RAKESH    | SHASTHRI  | rs@gmail.com         | 2022-03-03 | 2023-11-17 | ME      | 8787876655 | 3      | MEMBER      |
+--------------+--------------+------------+-----------+-----------+----------------------+------------+------------+---------+------------+--------+-------------+
4 rows in set (0.00 sec)
```

2) __TRIGGER 2__
A) _DEFINITION_

CREATE TRIGGER before_insert_event

BEFORE INSERT ON EVENT

FOR EACH ROW

BEGIN

   DECLARE max_id INT;

   -- Get the maximum numeric part of the existing event IDs

   SELECT MAX(CAST(SUBSTRING(E_ID, 8) AS UNSIGNED)) INTO max_id FROM EVENT;

   -- If there are no existing events, set max_id to 0

   IF max_id IS NULL THEN

     SET max_id := 0;

   END IF;

   -- Increment the numeric part and construct the new event ID

   SET NEW.E_ID := CONCAT('PESRREV', LPAD(max_id + 1, 3, '0'));

END //

DELIMITER ;

B) _STATEMENT THAT FIRES THE TRIGGER_

INSERT INTO EVENT(

E_NAME,E_DESC,E_DATE,E_STIME,E_ETIME,E_
LOC,E_BUDGET)
 VALUES ('PERFECT STRANGERS','CONCERT BY
THE FAMOUS, AWARD WINNING BAND','2023-
11-28','18:00','20:00','GJB QUAD',100000.00);

OUTPUTS

PROCEDURES

1) *DEFINITION OF THE PROCEDURE*

```
DELIMITER //

CREATE PROCEDURE
CountClubsForStudent(IN in_student_id
VARCHAR(13), OUT out_club_count INT)

BEGIN

    SELECT COUNT(*) INTO out_club_count

    FROM MEMBER_STUDENTS

    JOIN

    CLUB ON
CLUB.C_ID=MEMBER_STUDENTS.C_ID

    WHERE S_SRN = in_student_id;

END //


DELIMITER ;
```

SAMPLE QUERIES

1) Retrieve all the past events organised at the University.

    SELECT
    E_NAME,E_DATE,E_LOC,GROUP_CONCAT(CONCAT(G_FNA
    ME," ",G_LNAME)) as GUESTS FROM EVENT AS E
    JOIN GUEST AS G ON E.E_ID=G.E_ID
    WHERE E_DATE<CURDATE() GROUP BY E_NAME,E.E_ID
    ORDER BY E_DATE ASC;

```
mysql> SELECT E_NAME, E_DATE,E_LOC,GROUP_CONCAT(CONCAT(G_FNAME," ",G_LNAME)) as GUESTS  FROM EVENT AS E JOIN GUEST AS G ON E.E_ID=G.E_ID WHERE E_DATE<CURDATE() GROUP BY E_NAME,E.E_ID ORDER BY E_DATE ASC;
+-------------------+------------+-------------------+--------------------------------+
| E_NAME            | E_DATE     | E_LOC             | GUESTS                         |
+-------------------+------------+-------------------+--------------------------------+
| Chords' 22        | 2022-12-28 | MRD Auditorium    | Alia Khan                      |
| HashCode          | 2023-04-25 | MRD Auditorium    | Amir Khan                      |
| Samarpana         | 2023-10-27 | PES University    | Jervin Khan,Jobin Khan,Joel Khan |
| E-summit          | 2023-11-04 | GJB Auditorium    | Katrina Khan                   |
| Kodikon 3.0       | 2023-11-04 | MRD Auditorium    | Salman  Khan                   |
| Musical Mussanje  | 2023-11-11 | Back gate parking | Shahrukh Khan                  |
| Chaaya            | 2023-11-22 | GJB Student Lounge | Sanath  Kumar                 |
| ModelUN'23        | 2023-11-24 | MRD Auditorium    | Dr Jaishankar S                |
| Mandarin Learning | 2023-11-25 | Seminar Hall 1    | Chen Yun                       |
| National Quiz     | 2023-11-30 | MRD Auditorium    | Suraj Kumar                    |
+-------------------+------------+-------------------+--------------------------------+
10 rows in set (0.00 sec)
```

The Upcoming Events @PES

Aatmatrisha

Aatmatrisha is PES University's annual Techno-Cultural festival. Usually organised in the months of Summer to match the enthusiasm of the University's students. Aatmatrisha is a wonderful potpourri of the student culture on campus encompassing the cultural, literary, technical, informals and theatre spectra.

To Be Held On: 2024-04-13

Venue: PES University

Starts At: 10:00:00

Ends At: 22:00:00

Event Will Be Attended By: Rehan Khan, Businessman

The Past Events @PES

Chords' 22

An evening filled with graceful performance by Team Sanskriti, an Indian Contemporary Dance team and Team Trance, a Western Dance Group of PESU.

Was Held On: 2022-12-20

At: MRD Auditorium

Started At: 10:00:00

Ended At: 0:00:00

Event Was Attended By : Alia Khan

HashCode

24-hour Flagship hackathon organised by PES Innovation Lab with cash prizes worth I lakh Indian Rupees.

Was Held On: 2023-04-25

At: MRD Auditorium

Started At: 7:00:00

Ended At: 19:00:00

Event Was Attended By : Amir Khan

Samarpana

Samarpana, is a student-run initiative of PES University, works for the benefit of martyrs' families by raising awareness and collecting funds through Marathons and other fun events.

Was Held On: 2023-10-27

At: PES University

Started At: 10:00:00

Ended At: 12:00:00

Event Was Attended By : Jervin Khan,Jobin Khan,Joel Khan

E-summit

E-Summit aims to provide a platform for discussion on innovative ideas that have the potential to transform current challenges into opportunities for positive change. The goal of the event is to inspire and offer rays of hope to attendees.

Was Held On: 2023-11-04

At: GJB Auditorium

Started At: 10:00:00

Ended At: 12:00:00

Event Was Attended By : Katrina Khan

Kodikon 3.0

Kodikon is a national-level hackathon conducted by The Embrione at PES University. The Embrione is a networking, hackathon, and mentorship group

Was Held On: 2023-11-04

At: MRD Auditorium

Started At: 8:00:00

Ended At: 16:00:00

Event Was Attended By : Salman Khan

Musical Mussanje

Raghu Dixit concert organised by Kannada Koota on his musical birthday as a part of his tour

Was Held On: 2023-11-11

At: Back gate parking

Started At: 16:00:00

Ended At: 23:00:00

Event Was Attended By : Shahrukh Khan

Chaaya

Photography Exhibition By Students of PES

Was Held On: 2023-11-22

At: GJB Student Lounge

Started At: 15:30:00

Ended At: 17:30:00

Event Was Attended By : Sanath Kumar

ModelUN'23

Model United Nations (MUN) are simulations of the proceedings of various committees of the United Nations; a forum where a delegate's mettle is put to the test!

Was Held On: 2023-11-24

At: MRD Auditorium

Started At: 9:15:00

Ended At: 19:15:00

Event Was Attended By : Dr Jaishankar S

Mandarin Learning

Unlock the World of Asian Foreign Languages with Linguista Club! Here's your chance! Linguista Club proudly presents a dynamic Mandarin workshop that promises an immersive language experience.

Was Held On: 2023-11-25

At: Seminar Hall 1

Started At: 15:30:00

Ended At: 17:45:00

Event Was Attended By : Chen Yun

National Quiz

Bringing together talents across the nation

Was Held On: 2023-11-30

At: MRD Auditorium

Started At: 10:00:00

Ended At: 20:00:00

Event Was Attended By : Suraj Kumar

2) Retrieve all the clubs a faculty is a coordinator of.

SELECT GROUP_CONCAT(C.C_NAME) AS CLUBS FROM CLUB
AS C JOIN
FACULTY_COORDINATOR AS FC ON C.F_ID = FC.F_ID
WHERE FC.F_ID ='PESURRF006';

```
mysql> SELECT GROUP_CONCAT(C.C_NAME) AS CLUBS FROM CLUB AS C JOIN FACULTY_COORDINATOR AS FC ON C.F_ID = FC.F_ID WHERE FC.F_ID ='PESURRF006';
+------------------------------------------------------------------------------------------------------------------------+
| CLUBS                                                                                                                   |
+------------------------------------------------------------------------------------------------------------------------+
| AATMATRISHA,ENCORE,HOPES,LINGUISTA,MINERVA,NAUTANKI,NINAADA,PES MUN,PESU TALKIES,PIXEL,QUOTIENT QUIZ,ROTARY,SAMARPANA,SANSKRITI,TRANCE |
+------------------------------------------------------------------------------------------------------------------------+
1 row in set (0.00 sec)
```

ClubHub   Login   Clubs   Events

Welcome, Dr. Krishna V
You are a coordinator of 15 clubs @ PES UNIVERSITY
The clubs that you are a coordinator for are:

AATMATRISHA	View Members Add Event
ENCORE	View Members Add Event
HOPES	View Members Add Event
LINGUISTA	View Members Add Event
MINERVA	View Members Add Event
NAUTANKI	View Members Add Event
NINAADA	View Members Add Event
PES MUN	View Members Add Event
PESU TALKIES	View Members Add Event
PIXEL	View Members Add Event
QUOTIENT QUIZ	View Members Add Event
ROTARY	View Members Add Event
SAMARPANA	View Members Add Event
SANSKRITI	View Members Add Event
TRANCE	View Members Add Event

PES1UG21CS380_PES1UG21CS386   G34

3) To view the current and past memberships of a member student.

    SELECT CLUB.C_NAME,
    MEMBER_STUDENTS.S_ROLE,MEMBER_STUDENTS.S_SDATE,
    MEMBER_STUDENTS.D_NAME FROM MEMBER_STUDENTS
    JOIN CLUB ON CLUB.C_ID=MEMBER_STUDENTS.C_ID
    WHERE S_SRN = 'PES1UG21CS380';
    select D_NAME,C.C_NAME,S_SDATE,S_EDATE,S_ROLE FROM
    BACKUP_TABLE JOIN CLUB AS C ON
    C.C_ID=BACKUP_TABLE.C_ID WHERE
    S_SRN='PES1UG21CS380';

```
mysql> SELECT CLUB.C_NAME, MEMBER_STUDENTS.S_ROLE,MEMBER_STUDENTS.S_SDATE,MEMBER_STUDENTS.D_NAME FROM MEMBER_STUDENTS JOIN CLUB ON CLUB.C_ID=MEMBER_STUDENTS.C_ID WHERE S_SRN = 'PES1UG21CS380';
+-------------+--------+------------+-----------+
| C_NAME      | S_ROLE | S_SDATE    | D_NAME    |
+-------------+--------+------------+-----------+
| KANNADAKOOTA | MEMBER | 2023-11-15 | logistics |
+-------------+--------+------------+-----------+
1 row in set (0.00 sec)
mysql> select D_NAME,C.C_NAME,S_SDATE,S_EDATE,S_ROLE FROM BACKUP_TABLE JOIN CLUB AS C ON C.C_ID=BACKUP_TABLE.C_ID WHERE S_SRN='PES1UG21CS380';
+-----------+----------+------------+------------+--------+
| D_NAME    | C_NAME   | S_SDATE    | S_EDATE    | S_ROLE |
+-----------+----------+------------+------------+--------+
| logistics | SAMARPANA | 2023-11-15 | 2023-11-17 | MEMBER |
+-----------+----------+------------+------------+--------+
1 row in set (0.00 sec)
```


4) The club head can Insert a new member to the club.

    INSERT INTO MEMBER_STUDENTS
    VALUES('PES1UG21EE311','SOCIAL

MEDIA','PESURRC006','NIHARIKA','CHAUHAN','niharikac@gm
ail.com','2023-11-
30','EE','9181819180','5','MEMBER','PES1UG21EE311');

```
PES1UG21EE111 | SOCIAL MEDIA | PESURRC001 | BHASKAR  | JYOTHI   | bhaskarj@gmail.com  | 2021-01-01 | EE | 8192036547 | 3 | CLUB HEAD | PES1UG21EE111
PES1UG21EE311 | SOCIAL MEDIA | PESURRC006 | NIHARIKA | CHAUHAN  | niharikac@gmail.com | 2023-11-30 | EE | 9181819180 | 5 | MEMBER    | PES1UG21EE311
PES1UG22CS211 | LOGISTICS    | PESURRC003 | JIYA     | JAIN     | jj@gmail.com        | 2023-11-17 | CS | 7868589808 | 3 | MEMBER    | PES1UG22CS211
PES1UG23CS001 | logistics    | PESURRC027 | NAINA    | RAO      | nainarao@gmail.com  | 2023-11-22 | SH | 8585858585 | 1 | MEMBER    | PES1UG23CS001
PES2UG22ME111 | Campaigning  | PESURRC027 | RAKESH   | SHASTHRI | rk@gmail.com        | 2023-11-17 | ME | 8787876655 | 3 | MEMBER    | PES2UG22ME111
```

Add Member to EMBRIONE

Student ID
PES1UG21EE311

Domain Name
Social Media

First Name
NIHARIKA

Last Name
CHAUHAN

Phone Number
9181819180

Email ID
niharikac@gmail.com

Department
EE

Semester
5

Role in the Club
MEMBER

Password
PES1UG21EE311

Add Member

ClubHub   Login Clubs

Members of EMBRIONE

Name: Abhishek Mohan	Name: Anna Thomas	Name: Bhuvan Singh
Email: mohan@gmail.com	Email: athomas@gmail.com	Email: bhuvan@gmail.com
Semester: 5	Semester: 3	Semester: 3
Domain: Marketting	Domain: Campaigning	Domain: Technical
Role: CLUB HEAD	Role: DOMAIN HEAD	Role: CLUB HEAD
Name: Esha Ramesh	Name: NIHARIKA CHAUHAN	Name: Nikita Kamlesh
Email: esha@gmail.com	Email: niharikac@gmail.com	Email: nikita@gmail.com
Semester: 5	Semester: 5	Semester: 2
Domain: Logistics	Domain: SOCIAL MEDIA	Domain: Social Media
Role: MEMBER	Role: MEMBER	Role: MEMBER

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5) The club head can update the role of a member of a club they are a head of.

```
UPDATE MEMBER_STUDENTS  SET S_ROLE='DOMAIN
HEAD' WHERE S_SRN='PES2UG22ME111' AND
D_NAME='Campaigning' AND C_ID='PESURRC027';
```

```
mysql> select * from member_students where s_srn='PES2UG22ME111';
+---------------+------------+-----------+---------+---------+------------+------------+--------+------------+-------+-------------+---------------+
| S_SRN         | D_NAME     | C_ID      | S_FNAME | S_LNAME | S_EMAIL    | S_SDATE    | S_DEPT | S_PHNO     | S_SEM | S_ROLE      | S_PASSWORD    |
+---------------+------------+-----------+---------+---------+------------+------------+--------+------------+-------+-------------+---------------+
| PES2UG22ME111 | Campaigning | PESURRC027 | RAKESH  | SHASTHRI | rk@gmail.com | 2023-11-17 | ME     | 8787876655 | 3     | MEMBER      | PES2UG22ME111 |
+---------------+------------+-----------+---------+---------+------------+------------+--------+------------+-------+-------------+---------------+
1 row in set (0.00 sec)

mysql> UPDATE MEMBER_STUDENTS  SET S_ROLE='DOMAIN HEAD' WHERE S_SRN='PES2UG22ME111' AND D_NAME='Campaigning' AND C_ID='PESURRC027';
Query OK, 1 row affected (0.03 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from member_students where s_srn='PES2UG22ME111';
+---------------+------------+-----------+---------+---------+------------+------------+--------+------------+-------+-------------+---------------+
| S_SRN         | D_NAME     | C_ID      | S_FNAME | S_LNAME | S_EMAIL    | S_SDATE    | S_DEPT | S_PHNO     | S_SEM | S_ROLE      | S_PASSWORD    |
+---------------+------------+-----------+---------+---------+------------+------------+--------+------------+-------+-------------+---------------+
| PES2UG22ME111 | Campaigning | PESURRC027 | RAKESH  | SHASTHRI | rk@gmail.com | 2023-11-17 | ME     | 8787876655 | 3     | DOMAIN HEAD | PES2UG22ME111 |
+---------------+------------+-----------+---------+---------+------------+------------+--------+------------+-------+-------------+---------------+
1 row in set (0.00 sec)
```

Update Member from SAMARPANA

Student ID
PES2UG22ME111

Domain Name
Campaigning

Old Role
MEMBER

New Role
DOMAIN HEAD

[Update Member]

ClubHub   [Login] [Clubs]

Members of SAMARPANA

Name: Ankita Lokhande
Email: rohini3@gmail.com
Semester: 5
Domain: Social Media
Role: DOMAIN HEAD

Name: NAINA RAO
Email: nainarao@gmail.com
Semester: 1
Domain: logistics
Role: MEMBER

Name: Niveditha Sinha
Email: nive@gmail.com
Semester: 6
Domain: Marketting
Role: DOMAIN HEAD

Name: RAKESH SHASTHRI
Email: rk@gmail.com
Semester: 3
Domain: Campaigning
Role: DOMAIN HEAD

Name: Rohini Kamboj
Email: rohini@gmail.com
Semester: 4
Domain: Marketting
Role: MEMBER

Name: Samarth Malviya
Email: smarth@gmail.com
Semester: 3
Domain: Logistics
Role: MEMBER

Name: Vicky Singh
Email: nikki@gmail.com
Semester: 7
Domain: Social Media
Role: CLUB HEAD

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