**Project Report submitted**

**for Database Management Systems Project (UCS310)**

**College-Body Management Database**

**By**

**Submitted to:**

Logo, company name

Description automatically generated

**THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, PATIALA, PUNJAB**

**INDIA**

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**About the Project**

Our team will be working on a **College-Body Management Database**. Universities are the foundation of knowledge and an educational body. Therefore, they need to maintain a proper database of its students to keep all the updated records and easily share information with students. The database will help the administration handle students' records and their stay and the faculty in an organized, easy, and reliable way. It is designed to track, maintain and manage all the data generated by educational institutions, including personal information, courses, hostel allotment, etc. College-Body Management System is helpful for teachers and school supervisors and supports applications and dashboards effective for students and parents for communication and combined data collection.

In order to implement our project, we'll be creating a **Student table** that will have the details of all students. The table will have the following columns:

Institute Roll Number (To be used as Primary Key)

Student Name

Branch/Course (in which the student is enrolled)

Year of enrolment

Course Duration

Group (Class studying in)

Date of Birth

Phone Number

Institute Email Id

Hostel

We will also create a **Subjects table** that will hold the records of all the subjects offered by the Institute. The Subjects table will have the following columns:

Department

Subject ID (To be used as Primary Key)

Subject Name

Credits

The third table we will be creating is **Faculty** table which will have information about faculty members. It will have the following columns:

Faculty ID (Primary Key)

Name

Institute Email Id

Subject

Phone number

Groups

Department

The last table which we will be creating is the **Hostels table** where we plan to store the details of the hostels present in TIET. It will have following columns

Hostel Name (Primary key)

Capacity

Girls/Boys

Warden

**Entity Relationship Diagram**

The ER diagram for the above listed tables of the database will be as follows:

