

# **TITLE: COLLEGE DATABASE SYSTEM**

## **INTRODUCTION:**

In today's digital world, managing data well is crucial for colleges to run smoothly and make students' lives better. Our goal is to create a College Database System (CDS) that meets the needs of everyone in our college community – students, faculty, and staff.

## **PROBLEM :**

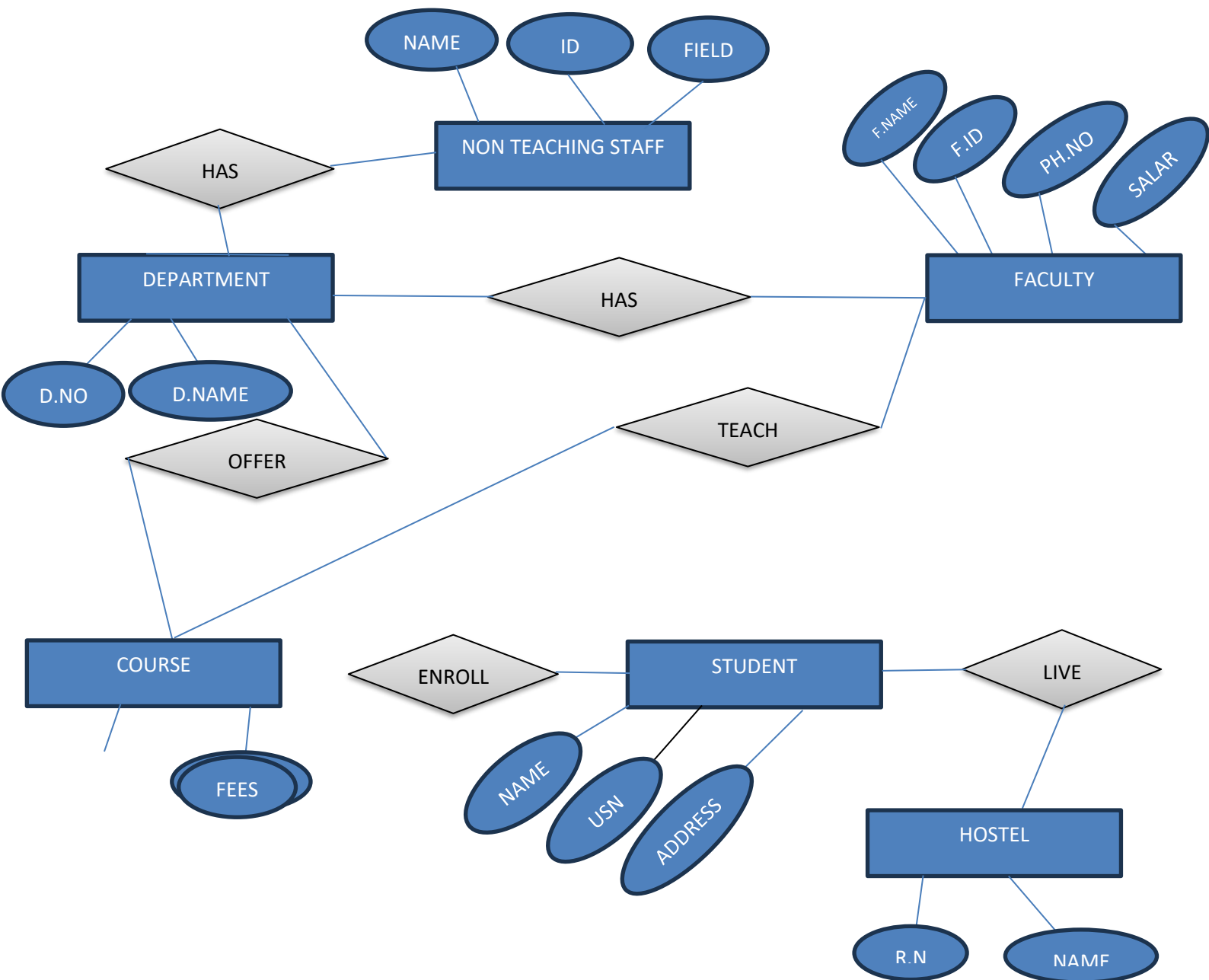
Our college struggles with disorganized data management, making it hard for students, faculty, and staff to find the information they need. While administrative staff spend too much time on manual data entry. Without proper analytics, we're unable to make informed decisions, which impacts our efficiency and academic quality.

**SOLUTION:** We're developing a College Database System (CDS) to streamline data management and improve accessibility. With the CDS, students can easily access their academic records, and faculty can efficiently manage courses. Automation will reduce manual workload, and analytics tools will provide insights for better decision-making. This solution aims to enhance efficiency, accessibility, and academic quality across our college community.

## **TOOLS USED:**

- **MongoDB**
- **NodeJS**
- **JavaScript**
- **HTML**
- **CSS**

## ER DIAGRAM:





**TABLE:**

|                          |  |
|--------------------------|--|
| STUDENT                  | <ul style="list-style-type: none"><li>• NAME</li><li>• USN</li><li>• ADDRESS</li></ul>                       |
| DEPARTMENT               | <ul style="list-style-type: none"><li>• D.NUMBER</li><li>• D.NAME</li></ul>                                  |
| FACULTY                  | <ul style="list-style-type: none"><li>• F.ID</li><li>• F.NAME</li><li>• PH.NUMBER</li><li>• SALARY</li></ul> |
| COURSE                   | <ul style="list-style-type: none"><li>• NAME</li><li>• FEES</li></ul>  |
| NON<br>TEACHING<br>STAFF | <ul style="list-style-type: none"><li>• NAME</li><li>• ID</li><li>• FIELD</li></ul>                          |
| HOSTEL                   | <ul style="list-style-type: none"><li>• R.NUMBER</li><li>• NAME</li></ul>                                    |

## TEAM DETAILS:

| SL NO | USN        | NAME                     | SIGNATURE |
|-------|------------|--------------------------|-----------|
| 1     | 4DM21AI001 | AADIL MOHAMMED           |           |
| 2     | 4DM21AI013 | DANEESH NAHEEM P         |           |
| 3     | 4DM21AI039 | MUHAMMED HASHIR<br>UMMAR |           |
| 4     | 4DM21AI056 | SREEHARI PS              |           |

**NAME OF THE GUIDE**

PROF. ABINAS V

**SIGNATURE OF GUIDE**

