

# DBMS Assignment-1

## Team Members:

1. Shatakshi Mohan -PES2UG19CS379
2. Siddhi Patil -PES2UG19CS389
3. Sonit Pradhan- -PES2UG19CS399

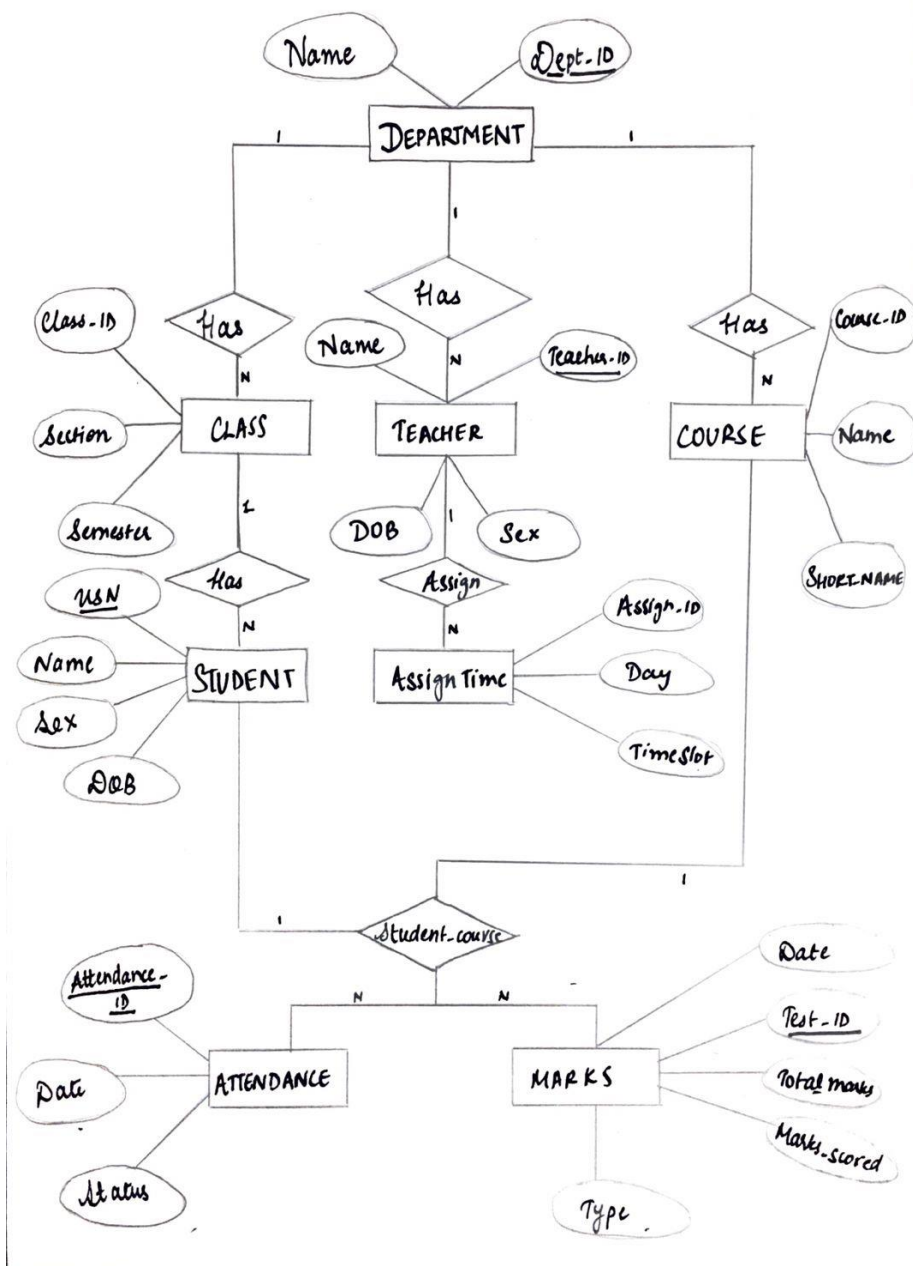
## College ERP

Our project aims to integrate all the modules and functionalities of a college system in a single application with our **College Enterprise Resource Planning (ERP)** system. Using the Django framework we intend to design it for interactions between students and teachers. Features include attendance, marks and time table. We have decided to have eight entities to incorporate all aspects of our project:

- DEPARTMENT
- CLASS
- TEACHER
- COURSE
- STUDENT
- ASSIGN\_TIME
- ATTENDANCE
- MARKS

## ER diagram snapshots

### ENTITY RELATIONSHIP DIAGRAM OF COLLEGE ERP



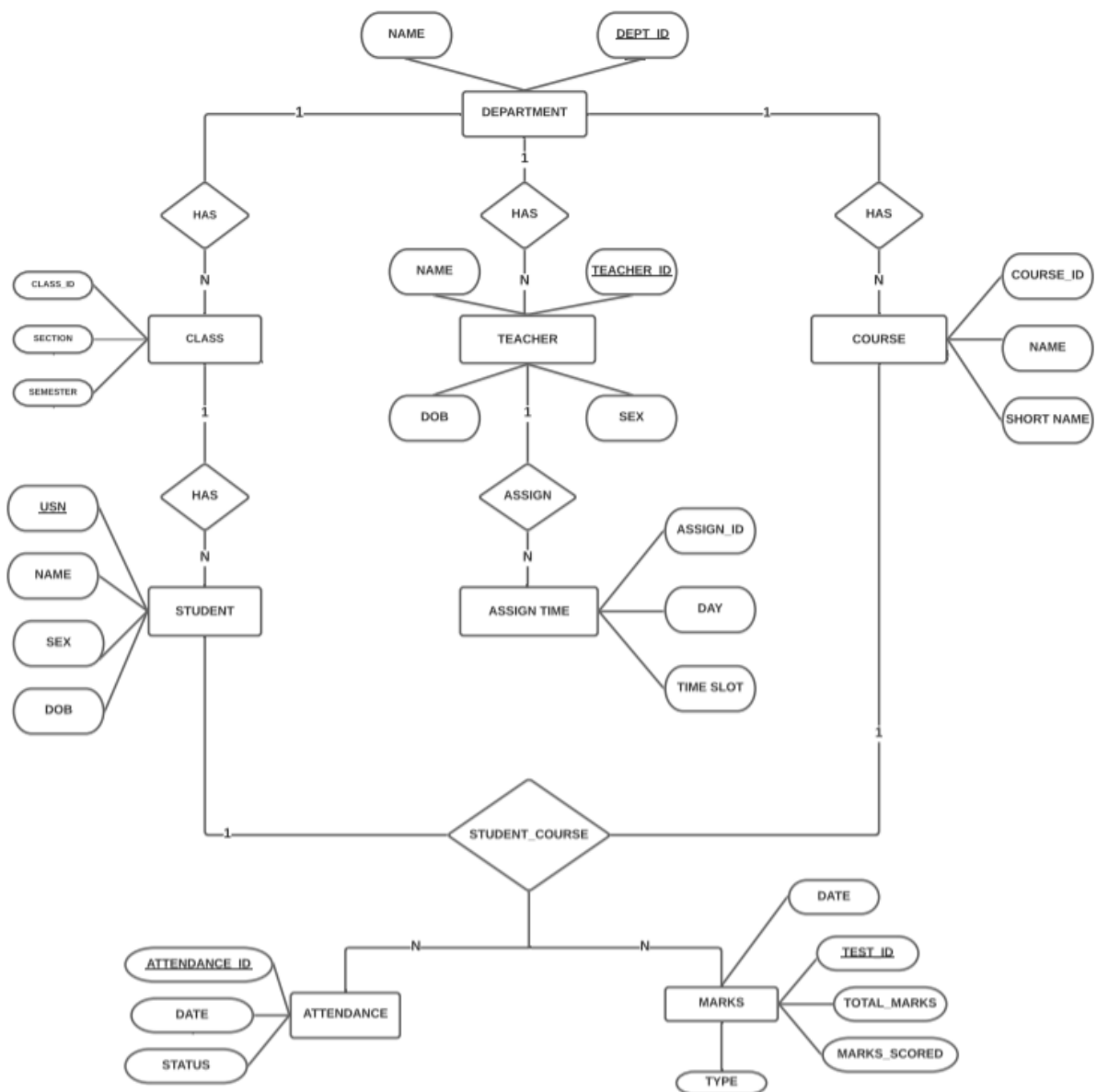
## ER Tool

**Lucidchart** is the ER tool we have used to make our ER diagram. Lucidchart is a web-based proprietary platform that allows users to draw charts and diagrams. We chose to use Lucidchart as it allowed us to collaborate while making the final ER diagram.

Reference link: <https://www.lucidchart.com/pages/>

## Final ER Diagram

### ENTITY RELATIONSHIP DIAGRAM OF COLLEGE ERP



**Contribution:**

Siddhi Patil- Final ER diagram and entities finalization

Sonit Pradhan- Final ER diagram and entities finalization

Shatakshi Mohan- ER Diagram with Lucidchart/Writeup

**Time:** 3-4 hours approximately