

1.

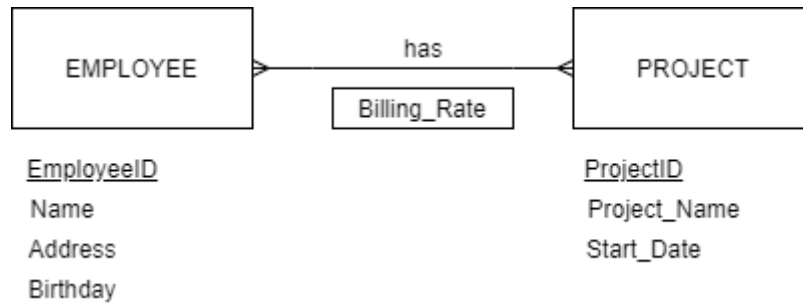


Fig. 1 Company ERD

2.

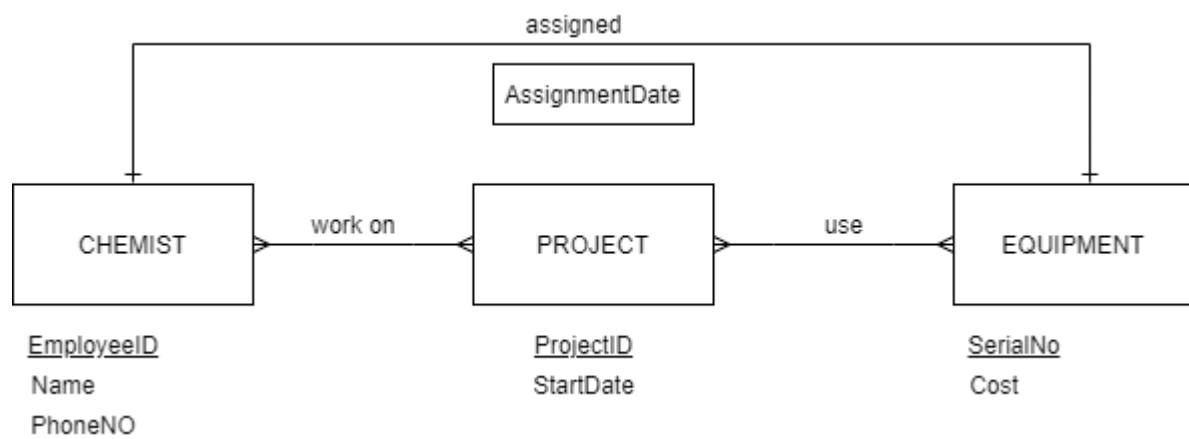


Fig. 2 Laboratory ERD

3.

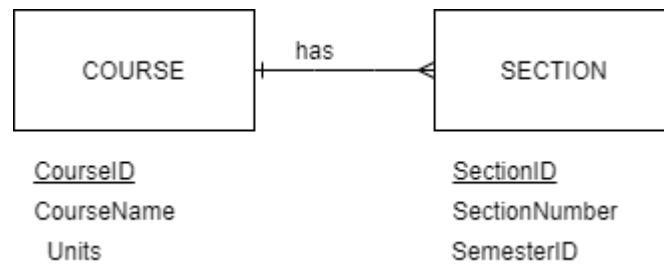


Fig.3 College ERD

4.

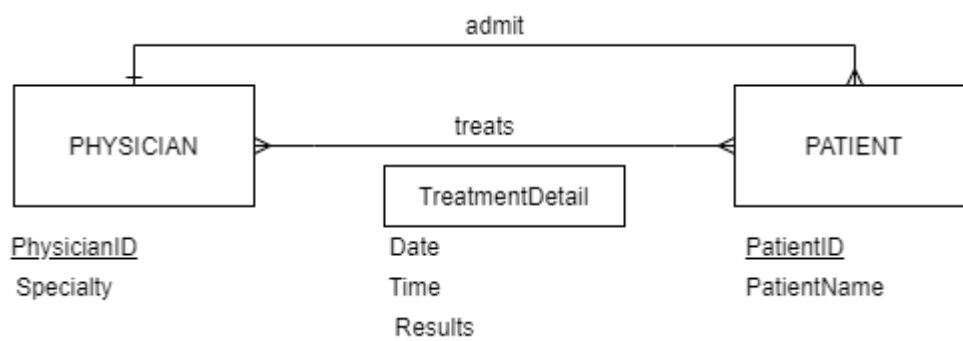


Fig. 4 Hospital ERD

There are two relationships between the physician and the patient. The first relationship shows that a physician can admit more than one patient and the second relationship implies that many patients can be treated by more than one physician. Hospital is not included as an entity because it is the organisation we are creating the database for.

5.

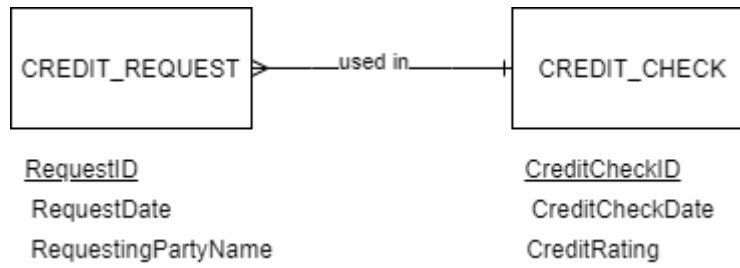


Fig. 5 Loan Office ERD

6.

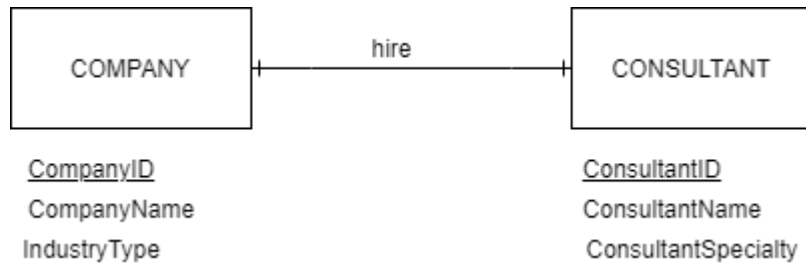


Fig. 6.1 Company Consultant ERD 1

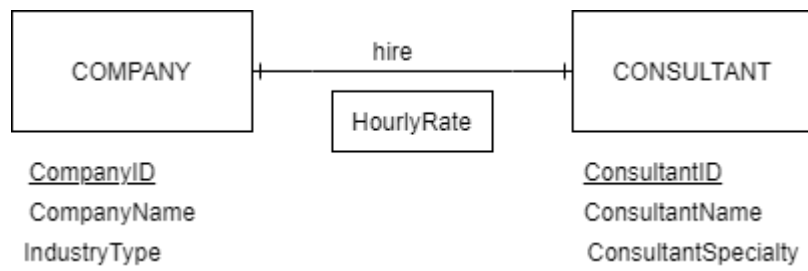


Fig. 6.2 Company Consultant ERD 2

7.

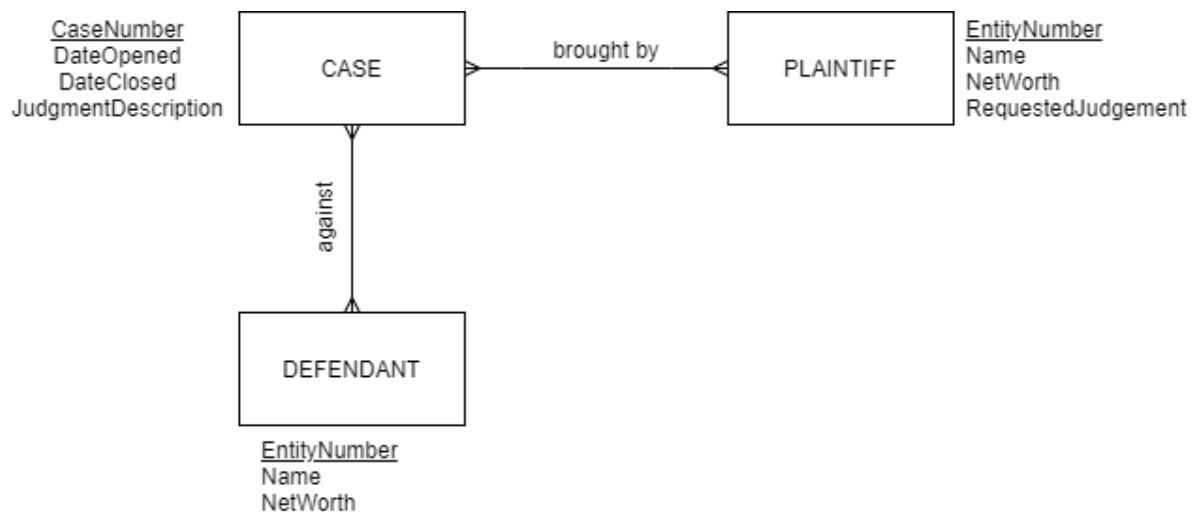


Fig. 7 Dewey, Cheetim and Howe law firm ERD

8.

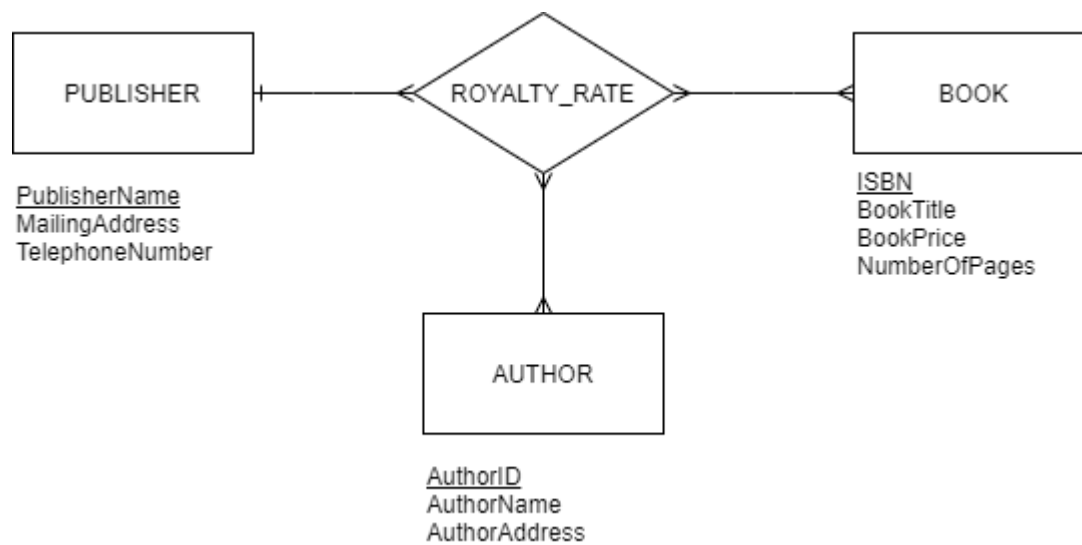


Fig. 8 Publisher ERD

9.

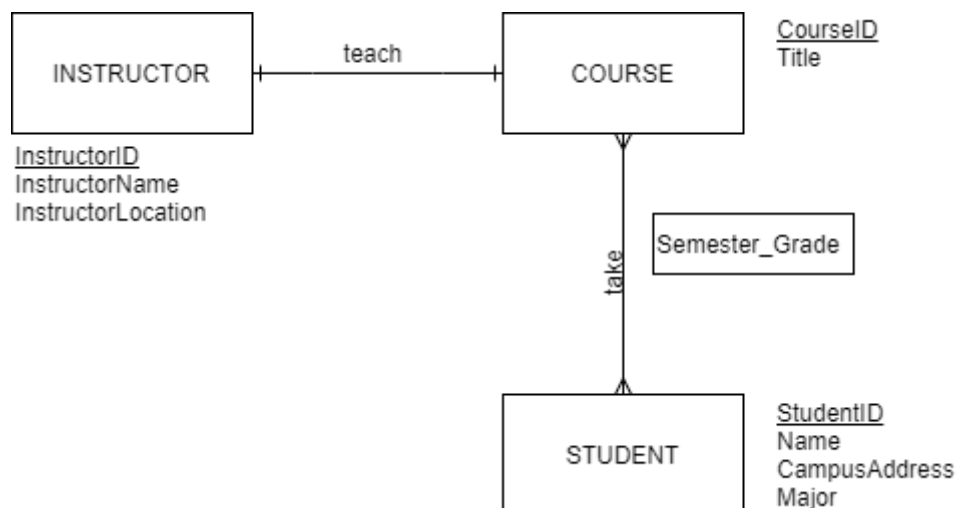


Fig. 9 Course Grade ERD

I created a unique ID, InstructorID, as an identifier for the Instructor because two instructors with the same name can be present in a department and it is not suitable to be used as a primary key. CourseID and StudentID are both used as identifiers for both course and student respectively because other attributes can have values that can be repeated and are not unique.

10.

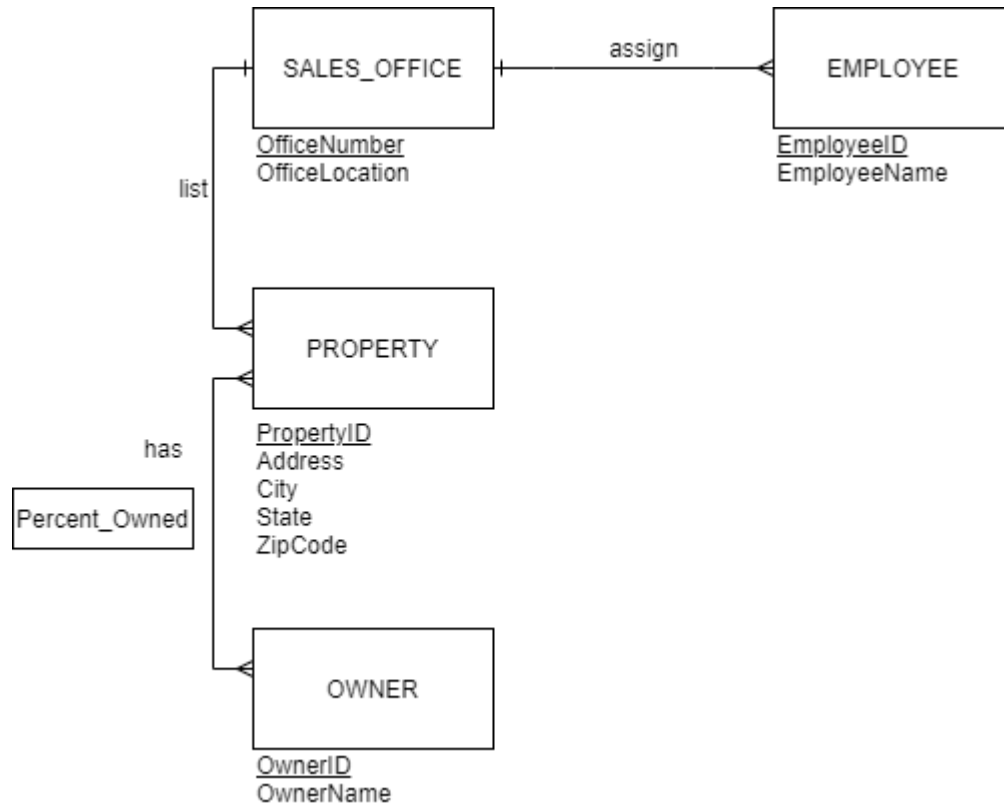


Fig. 10 Real estate firm ERD

11.

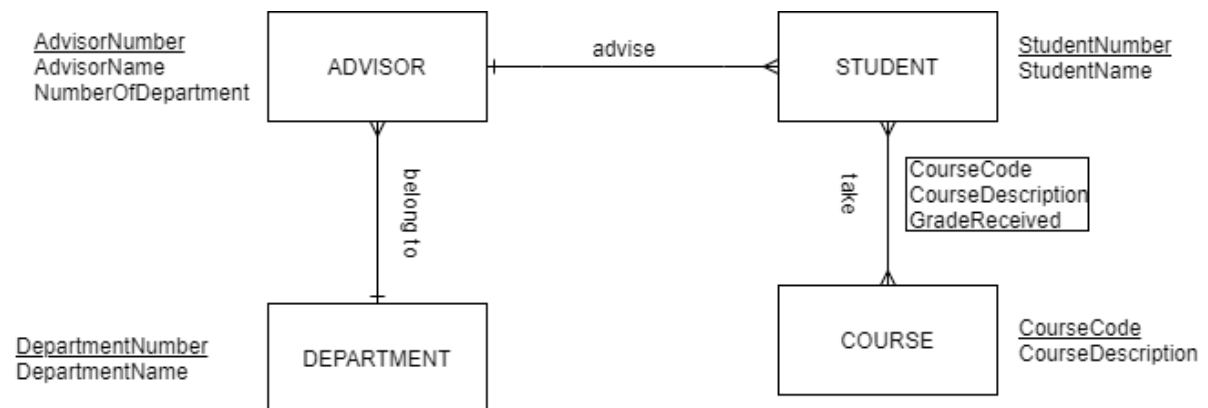


Fig. 11 College ERD

12.

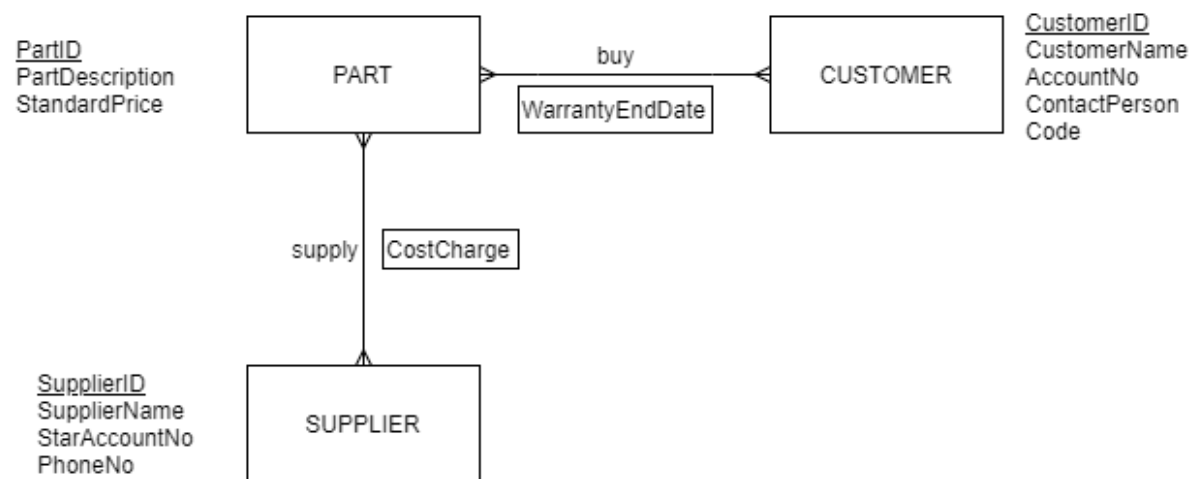


Fig. 12 Star Hoist ERD

13.

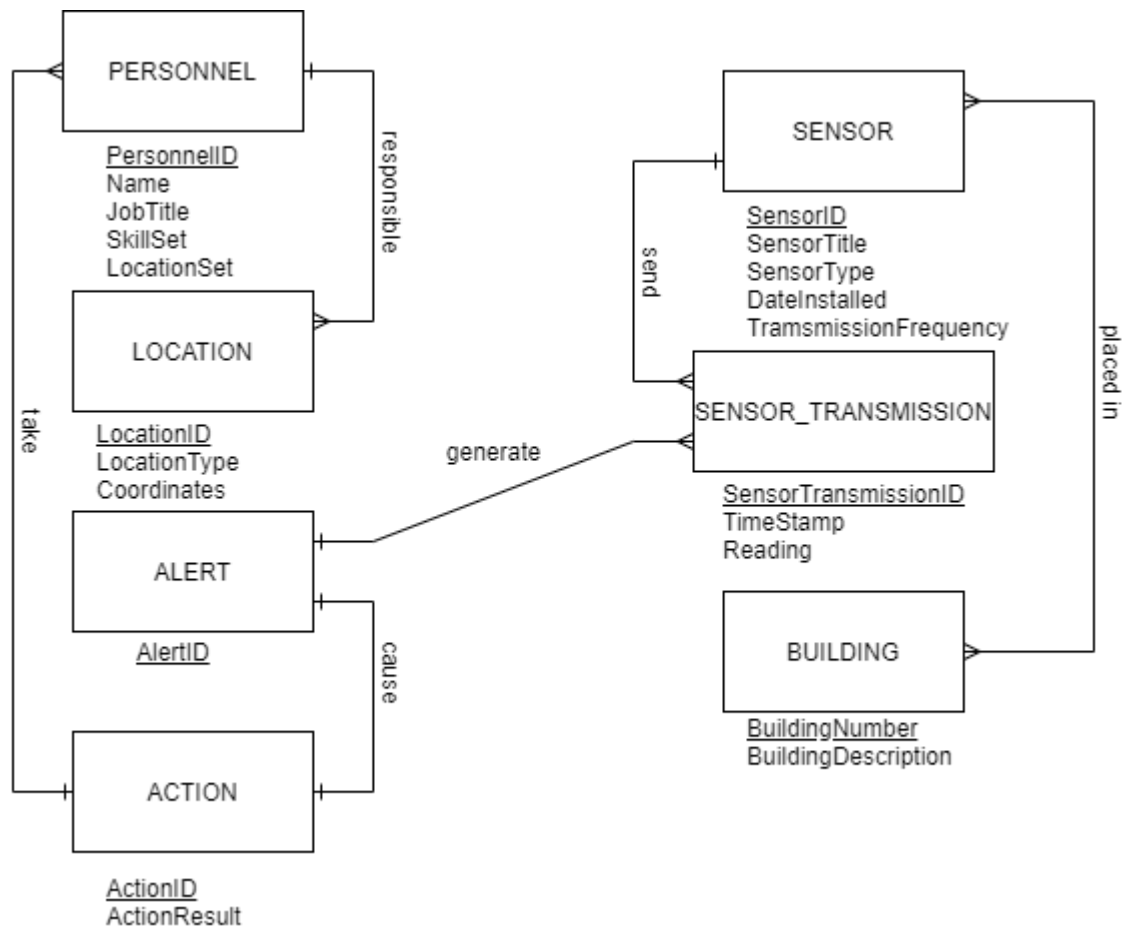


Fig. 13 Sensing Building Company ERD