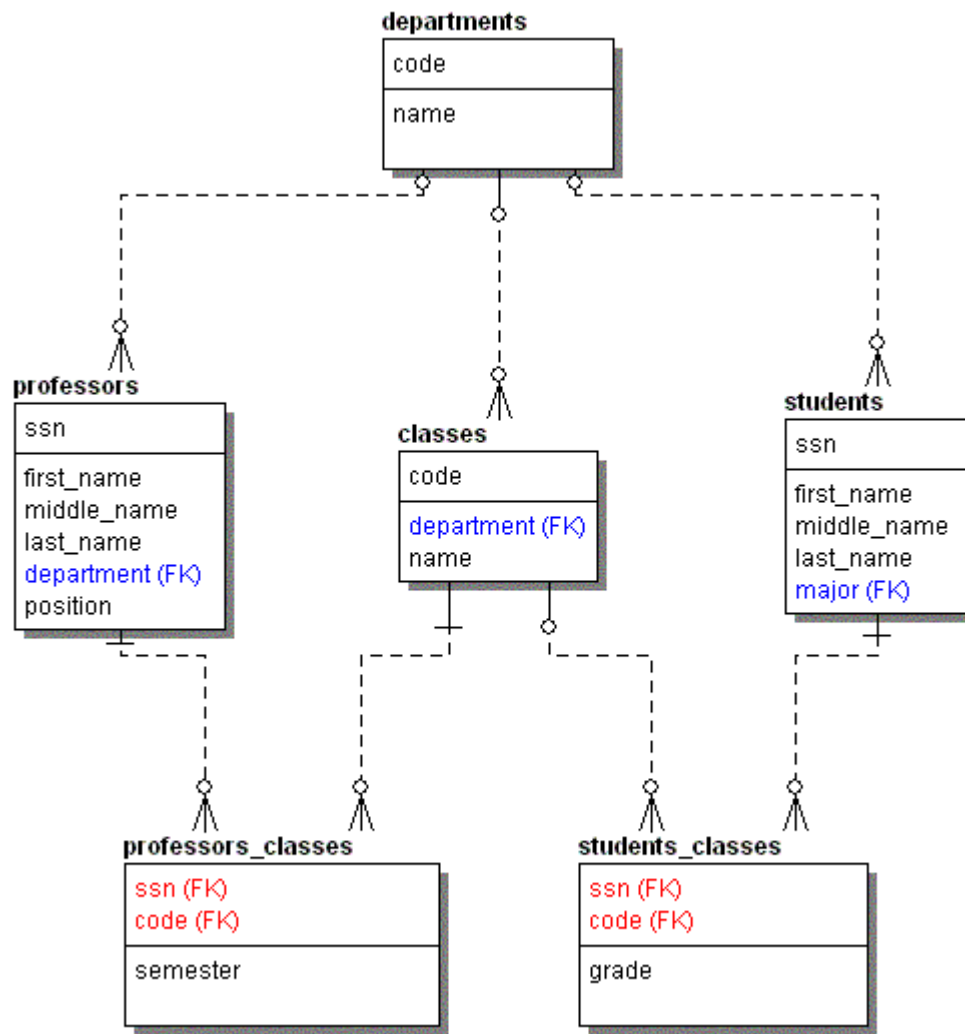


**CSE 206 : OOP SESSIONAL**  
**ONLINE-01**



THIS FIGURE DOES NOT ILLUSTRATE INHERITANCE HIERARCHY

From the figure above we can see there is a working scenario is drawn which can be converted to the scenario of MIST. First, extract the class hierarchy and relationship then take 10 students of two different departments and 3 professors of different subject.

After giving values. Your design must allow these operation:

- i) Given name of professor the program should output which classes he/she is taking.
- ii) Given name of the class, the program should output which students are taking the class
- iii) Given name of a student, the program should output which classes he/she is taking.
- iv) Given name of the departments, the program should output which students and professors are affiliated with the department.