

Problem Set Database Design, OPIM 3103, Fall 2018

UConn needs to design a database to manage its students and majors. One student needs to select at least one major and one major can be taken by zero or multiple students.

The attributes of “Students” include: PeopleSoftID, Name, Gender, Age

The attributes of “Major” include: MajorID, Department, MajorName, School

Design a database to store the above information.

Instructions:

- (i) You need to define the primary key appropriately.
- (ii) If your database contains more than one table, you need to preserve the relationship between your tables appropriately.
- (iii) Your database should store the data efficiently.
- (iv) If you need *junction table*, name it as “Declaration”.