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Section 2

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Lake Como University Interfraternity Council Database

Lake Como University is a public University in New Jersey. The Interfraternity council (IFC) wants to upgrade its database system to a SQL database. The IFC wants its own database system to separate of the University system. The IFC keeps track of all of the fraternities on campus and all of their members. Each fraternity is identified by its unique name. In the University guidelines it also states each fraternity must be advised by at least one faculty advisor. However not ever faculty member must advise a fraternity. Some advisors also supervise other faculty. Each fraternity is comprised of students. Once a student is in the fraternity they are known as a brother. The IFC wants to store basic information about each brother. Each fraternity must have at least one member, and each brother can only be in one and only one fraternity. Each brother must pay dues for their organization. The IFC wants to be able to track what semester and year each brother paid dues. Some fraternities have fraternity houses. The houses are identified by their address which is considered to be unique in this context. The IFC wants to have a record of what house each fraternity occupies.

Fraternities have varying leadership positions. From president to sentinel. Each brother in a fraternity can hold zero or many positions in their respective fraternity. However, each position can only be held by one brother. The IFC also needs to know what year and what semester the brother held the position. In some cases, a fraternity can lose their charter from their national organization. In this case the fraternity would be deleted from the database. However, the IFC needs the records of the students that were in that organization. Additionally, if this were to happen to an organization that occupies a house it is important the IFC still has records of the house until the IFC awards the house to another organization.