**Story of E-R Diagram**

A Medical College started its journey in 1999-2000 and with 50 students but now there 200 students. Every year 50 students get allow for admission. Students have ID, name and the total credit they have completed. These students get admitted department-wise. Each department has name, building, budget. There are many courses under every department and courses have ID, title and credit. Students take courses where each course taught by a doctor. Every course is taken by many students. One student can take many courses and similarly, one doctor can teach many courses. All students and doctors must have a department and those departments that are included in this medical college department. Students and doctors also must have taken course year and taught course year respectively.

Our medical college is also a reputed hospital. This medical has some ward. Ward has ward no, category and building where its situated. Under these wards there are several beds and each bed for a single patient. Everyday there are many patients gets admitted and get proper treatment also. Every patient has ID, name, disease, bed no and assign doctor that must have every patient. Though every patient has one assign doctor but every single doctor has many patients. Each patient has some bills where bill no and amount are stored.

In this medical college, there is also a well-organized library. In this library there are many types of book where books have ID, name, category, publication, price. Students can issue book and every student can issue maximum two books at a time. They must return that within two weeks. A librarian can send message to a student for returning book or any other purpose. This messages must have date and a librarian has ID, name, designation and cell.