Apex Assignment

### **Problem Statement:**

### You have a university “St Judes” which wants its salesforce account to get configured by you guyys. Following are the requirement of this client.

### **Tasks to be Done:**

1. A Student can register to multiple courses and A Class can have multiple Courses and each Course can have multiple Students.
2. A Student cannot register for more than 8 Courses.
3. A Professor can take multiple courses.
4. A professor cannot take more than 4 Course at a time.
5. All the Classes will have at least one Professor as its class teacher.
6. A Class teacher can view all the students he/she is teaching.
7. A Course will have list of all the students in it enrolled.
8. A Course will have the following fields “Start Date” “End date” “Total Attendance required” & “Number of Students registered (Rollup Summary field)”.