College Database Management System:

The project captures the **data requirements** for College Database Management System purpose. The data items stored in the database are as follows:

* The personal details of the persons associated with the college.(For eg. Faculty,Student,Support Staff,Peon etc.)
* The details of the salaries given to the staff.
* The details of the fees paid by the students.
* Various courses offered in different semesters by the college.
* Details of the students registered in various courses.
* Results(Grade,CGPA,GPA) of the students in different semesters.
* Details(Purchase Data,Warranty Period etc.) of the accessories (for eg. Electronic Components) in the college.
* Various details of the faculties (Degree(s),Specialization etc.) in the college.
* Details of the various committees in the college.

The following are the **constraints** in the College Database Management System:

* Stores only one guardian contact number of the student.
* Peon is included in the staff hence we deleted the Peon Table.
* One Person is allowed to stay only in one committee which means that he can, in a single year, be a member of only one committee.
* Institute to employee and student to institute transaction happens only through cheque.
* One student can pay his fees in installments which means by 2-3 different cheques summing up to the required amount.
* One staff can get salary in different banks. In short bank can be changed for giving salary.
* One Faculty can stay only in one committee in a given year.
* Once a student has entered in a program he/she can't change the program.