## **Student Database Management System Project:**

This database for students is designed keeping in mind the needs of managing a student’s database. Both at the user level and product level it provides high quality security. The design of this system includes two kinds of users that is students and administration.

A typical flow of events can be seen in this database. Its design is created as per the point of view of the students. As this system is based around students therefore the records in the database also revolve around the activities of the students. There are many other independent categories of this data system that includes Fest, cultural activities, alumni association, library facility and sports.

This information helps to know about the progress that is achieved by the institution. Special attention can be given therefore to all the students. This database will also help to find out the performance of the students. Plus if the organization can provide the system on the LAN then it can add more efficiency and flexibility for the staff of the organization.

A student’s profile includes address, details of the study, details of the dependent and admission details as well. Attendance details include the number of classes that are attended by the students in each subject and the total number of classes.  It also handles the information of examination and internal assessments. It takes the information of 3 exams and 3 internal assessment details.

Manipulation of the database includes:

Modifying results of examination and attendance of students

Deleting profiles of students

Adding details of the department and its corresponding subjects

Adding profiles of students

Generation of reports includes:

Students list in each of the department

Attendance list of students according to the different departments

Status of examination as per the departments

Taking the considerations that are stated above we have designed a system for keeping the records of the number of students, their examination details and attendance details.

Carry out the following tasks for the above project:

1. Identify stakeholders, objectives, goals, activities and their durations, resources, inputs and outputs, risks; estimate effort and duration
2. Draw the following diagrams in ProjectLibre:
   * Work Breakdown Structure
   * Resource Breakdown Structure
   * Gantt Chart
   * PERT/CPM chart
3. Estimate the cost of the project.