**Project #12**

**Student information system**

1. Overview

The project is meant for capturing and maintaining students, student’s registrations for the courses, attendance, course based registrations and making the students to know their grading subject wise, semester wise and considering all the subjects that they have undergone as on date of reporting. The students can use the system and monitor their own progress.

1. Platform requirements

|  |  |  |
| --- | --- | --- |
| Hardware/Software | Hardware / Software element | Specification /version |
| Hardware | Processor | Intel core to duo |
| RAM | 1 GB |
| Hard Disk | 100 GB |
| Software | OS | Windows XP |
| C++ related IDE | Turbo C++ |

1. Module Identification

Following are the modules that comprise the system

|  |  |
| --- | --- |
| Serial Number | Name of the Module |
|  | Student Registration Module |
|  | Student Attendance Module |
|  | Course Based Registration |
|  | Student Grading |

1. Function Identification - module wise

|  |  |  |  |
| --- | --- | --- | --- |
| Module Number | Module Name | Function Serial | Function Title |
|  | Student Registration Module |  | Add a student |
|  | Delete a student |
|  | Modify a student |
|  | Report List of students registered |
|  | Student Attendance Module |  | Capture attendance |
|  | Report subject wise attendance |
|  | Report day wise attendance considering all the subjects |
|  | Report the students having less than 75% attendance |
|  | Course Based Registration |  | Capture and Maintain the details of the courses offered |
|  | Capture and maintain the details of the faculty offering the courses |
|  | Register the students for various courses |
|  | List of students registered for each of the course |
| 4. | Student Grading |  | Report subject wise grading |
|  | Report semester wise grading |
|  | Report cumulative Grading |
|  | Report list of grades along with weights |