



CS101 Course Project

Autumn Semester 2011

Lab Group 542

Student Management System User Manual

Members :

- a. Pratyush Nalam
- b. Pravinkumar Raut
- c. Premchandra Rathaur
- d. Pratiik Malik
- e. Rishiraj Singh
- f. Rohit Bhangе
- g. Prakhar Pankaj

Mentor: Avishek Dan



Some of the basic features which are to be taken care of during the execution of the program are as follows:

1. NAMING CONVENTION: ONLY FIRST AND LAST NAME ARE REQUIRED. MIDDLE NAME IS NOT CONSIDERED IN THE WHOLE PROGRAM. FIRST LETTER OF BOTH THE FIRST NAME AND LAST NAME MUST BE CAPITALS.
2. BEING A PRIMITIVE STUDENT MANAGEMENT SYSTEM, TRIVIAL ERRORS SUCH AS HITTING AN OPTION OTHER THAN ASKED AT THE INTERFACE, CANNOT BE HANDLED BY THE PROGRAM. SO AVOID SUCH THINGS FOR SMOOTHER EXPERIENCE.
3. ERROR HANDLING IS NOT UP TO THE MARK SO DON'T TRY TO CHECK THE PROGRAM'S EXECUTABILITY AND EFFICIENCY.
4. PROGRAM CAN BE A LITTLE SLOW WHEN THE DATABASE FILES ARE LARGE.
5. TASKS AND FUNCTIONALITIES:

THERE ARE DIFFERENT TASKS FOR DIFFERENT USERS. PROGRAM EXECUTION IS A STEP BY STEP PROCEDURE WHICH BEGINS WITH LOGIN.

EX. IF A STUDENT LOGS IN HE CAN VIEW CONTACT DETAILS, ACADEMIC DETAILS, EDIT HIS PASSWORD (BUT NOT THE USERNAME) AND SEARCH FOR OTHER STUDENTS AND PROFESSORS CONTACT DETAILS BY ENTERING ONLY THE FIRST NAME (ACCORDING TO NAMING CONVENTIONS).

OTHER DETAILS OF THE STUDENT CAN BE EDITED ONLY BY THE ADMINISTRATOR.

STUDENT CAN VIEW HIS MARKS, GRADE AND CURRENT SEMESTERS CPI, WHILE AUTHORITY OF CHANGING A STUDENT'S MARKS LIES WITH THE RESPECTIVE PROFESSOR AND NOT WITH THE ADMINISTRATOR. PROFESSOR MUST BE THE STUDENT'S INSTRUCTOR FOR THAT COURSE

EX. ANY PROFESSOR TEACHING A PARTICULAR COURSE CAN EDIT THE MARKS OF ANY STUDENT PURSUING THAT COURSE. ADMINISTRATOR CAN CHANGE MAXIMUM CREDITS OF ANY COURSE.

6. IF A USER WISHES TO EXIT THE PROGRAM, HE CAN DO SO BY PRESSING CTRL+C.



7. COURSE CODES WHEN CREATING A NEW STUDENT ARE AS FOLLOWS:

1. 4 YEAR B. TECH.
2. 5 YEAR B. TECH. + M. TECH. DUAL DEGREE
3. 5 YEAR B. SC. + M. SC. DUAL DEGREE
4. 2 YEAR M. TECH.
5. 3 YEAR M. TECH.
6. 2 YEAR M. SC.
7. 5 YEAR M. TECH. + PH. D. DUAL DEGREE
8. PH. D.

CS101 Course Project, Lab Group 542, Autumn 2011, IIT Bombay