**TEAM NAME - Team1-cc01**

**TEAM DETAILS :**

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**ABOUT THE PROJECT :**

**Project Domain** - Education

**Project Name** - University Management System

The University Management System handles all information necessary for handling a college, student and professor.

Project will be handled with OOP concept and file handling

The University management system project maintains the list of affiliated colleges and their different streams. It also maintains the examination and the result department with a proper menu system. It maintains the details of the professors and other staff as well.

University management department of an organization maintains a record of:

* The Colleges
* The Students
* The Professors and Staff
* The Examination & Result

**Details of College information**

In this section the project keeps the record of College name, College location, college running the stream and the degree the college is running and maintains the information in data file using file handling.

**Details of Student formation**

In this section the project keeps the record of Student Enrollment Number, College Name, student name, Student address, Contact number, Degree stream, etc and other details.

**Details of Professors and Staff information**

In this section the project keeps the record of Professor name, Professor Subject of Expertise, Professor College, Designation, Contact and other related details

**There will be 6 database structures:**

Authorization Database, College Database, Student Database, Professor Database, Exam Schedule Database, Result Database

University Management System is menu driven so options provided under the main menu are listed below:

1)  Authorization : to grant access of the University database to only authorised personnel using a username and password

2)  Data Entry: to open college, student, professor and staff info, exam form, exam schedule, result

3)  Data Display: to display different types of information related to entry menu

4)  Modify Records: to modify student, college, professor

5)  Data Retrieval: having different types of enquiry information

           EXIT: exit from the main menu(project)

The project will run from command prompt or any other C/C++ IDE. The details currently mentioned are the initial plan more components will be added with further progress.

**LEARNING PLAN AND WEEKLY GOALS :**

JUNE -

Week 1: Team Introduction and finalising a domain for our project

Week 2: Introduction to basic concepts of C/C++

Week 3: Introduction to concepts of OOP

Week 4: Introduction to file handling in C/C++

JULY -

Week 1: Starting with small examples of menu driven programs to get familiar with using all     the above mentioned concepts altogether

Week 2: Obtaining information and preparing of the 6 databases which will be used in the project

Week 3: Starting with the main project : working on the menu that drives the program

Week 4: Working on authorization, data entry functions

AUGUST -

Week 1: Working on data modification and exit functions

Week 2: Working on data retrieval and data display functions

Week 3: Compiling the program and fixing any errors that may arise

Week 4: Final project report