

National University of Computer & Emerging Sciences
Karachi Campus



Student Management System

Project Proposal
Object Oriented Programming (OOP)
Section: 2-K

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Project Proposal

- **Introduction**

The Student Management System handles all the details about a student.
It allows a user to access records of academically registered students.

- **Existing System**

- List of Processes that have admin rights only.
- Admin can perform CRUD Operation.
- Admin can watch Student performance over the semester.
- Admin can check student progress.
- Admin can read student credentials.
- Admin can modify the student credentials.
- Admin can remove the student.

- **Problem Statement**

- CLI/GUI Based Management
- Crud Operation.
- Managing Student data
- Setting up database

- **Proposed Solution**

- GUI Library.
- Database or filling.
- Create and Manage Crud Operation.

- **Salient Features**

- Each student has a unique ID and their details.
- Student performance on a semester/year basis.
- Students Attendance.
- Calculate cgpa at the end of semester.
- Admin can create new student data.
- Admin can read student data.
- Admin can amend student data.
- Admin can remove student data.

- **Tools & Technologies**

Programming language : C++ programming

Framework : As per requirement.

Operating System (Linux, Windows, etc.): Windows Os

LAB-Instructor:

Maam Anam Qureshi

Signature: