**National University of Computer & Emerging Sciences**

**Karachi Campus**



**Student Management System**

**Project Proposal**

**Object Oriented Programming (OOP)**

**Section: 2-K**

**Group Members:**

**21k-4587 Ali Zain**

**21k-4653 Ali Zain**

**21k-4853 Kumail Raza**

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:**