**National University of Computer & Emerging Sciences**

**Karachi Campus**



**TITLE OF PROJECT**

**Project Proposal**

**Object-Oriented Programming**

**Section: BCS-2F**

**Group Members:**

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Project Proposal

* **Introduction**

A hospital equipment management system.

**Existing System**

A management system like “Brighttree”

* **Problem Statement**

This project will introduce document generation in the system

* **Proposed Solution**

The project will utilize OOP concepts, and memory management. File handling will be done safely.

* **Salient Features** 
  + The system will contain Admins, Patients and Doctors.
  + A Terminal User Interface will be used on the CLI.
  + Project will have document generation for patients.
  + Built in authentication system for Admins and Doctors.
* **Tools & Technologies**

C++, libraries for Document generation and Terminal Interface