



**National University**  
of computer and emerging sciences

## **DATA STRUCTURES PROJECT PROPOSAL**

### **PROJECT TITLE: TEXT EDITOR**

#### **GROUP MEMBERS:**

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#### **DESCRIPTION:**

A text editor is a simple computer program with the basic purpose of enabling the user to enter, change and store text .

#### **METHODOLOGY:**

The project will be implemented majorly using C++ language and different data structures as

- Linked List
- Stack/Queue
- Search trees

and algorithms

- searching
- sorting

may be used to implement the project.

## **PROJECT OUTCOME:**

The project will be carrying out the basic features of a text editor. The program will enable the user to open already existing text files or create a new file and add text, change it or delete it. Advanced features that may be implemented include

- Syntax highlighting for different programming languages
- Undo/redo
- Cut/copy/paste
- Search and replace text
- Insert text to any specified position
- Text selection
- GUI