

Green University of Bangladesh Department of Computer Science and Engineering (CSE)

Faculty of Sciences and Engineering Semester: (Fall, Year:2022), B.Sc. in CSE (Day)

LAB PROJECT PROPOSAL

Course Title: Data Structure Lab

Course Code: CSE 106 Section: 221 D7

Student Details

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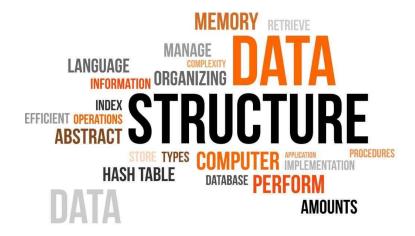
Submission Date : 06 DECEMBER, 2022 Course Teacher's Name : MS. BABE SULTANA

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Project Proposal Status	
Marks:	Signature:
Comments:	Date:

1. TITLE OF THE PROJECT PROPOSAL

Data Structure Tree (DST). The purpose of Data Structure Tree to give an exposer to the data structure. DST can help us to understand how data structure are implemented in programs, and how it effects the program.



And show the time complexity, algorithm of the data structure in sequence. This program can be a good education medium for students at the same time it can be a good example of how data structures algorithm works.

2. PROBLEM DOMAIN & MOTIVATIONS

There are many problems

There isn't enough good way to study Data Structure with good practical implement.

And there isn't good combined compact program where data structure can be learned efficiently.

Those problems motivated me to work on this project and make it real.

3. OBJECTIVES/AIMS

Data Structure Tree (DST) is one of the important software solutions that can help with everything from admissions to student success to learn about data structure with nicely arranged data.

There are some key features that motivates me to make this project -

To make a program that can easily demonstrate data structure with proper details.

To make a good education medium about Data Structure with practical implement.

Efficient utilization of human resource.

4. TOOLS & TECHNOLOGIES

For develop this system I will be using

C language

Code blocks IDE 20.03 (mingw)





5. CONCLUSION

By using a Data Structure Tree (DST), it is helpful to understand Data Structure with how the algorithm works. Provides easy, accurate access to all the variants of data structures combined also the comparison of variants.