

SPL-1 Project Proposal Form, 2023
Institute of Information Technology (IIT)
University of Dhaka

Student's Name:	Munshi Md. Arafat Hussain		
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<p>Project Description:</p> <p style="text-align: center;">Compression and Decompression Utility</p> <p>The purpose of this project is to build a utility that can compress and decompress files using various algorithms like Huffman coding algorithm, LZ77 algorithm, Burrows-Wheeler Transformation algorithm. The project will compare the effectiveness (e.g., File size, Compression ratio) of these compression algorithms.</p> <p>Project Goals:</p> <ul style="list-style-type: none">• Efficiently reduce file sizes for storage and transmission.• Implement multiple compression algorithms for comparison.• Build an intuitive user interface for ease of use.			
<p>Languages or Tools to be used:</p> <p>C/ C++, Visual Studio Code, CodeBlocks, Git and GitHub.</p>			
<p>Supervisor's Name: Dr. Mohammed Shafiul Alam Khan</p> <p>Signature of the supervisor: _____</p> <p>Date: 03 August, 2023</p>			

Before the Midterm Presentation:

I confirm that the progress is satisfactory and I am forwarding it for midterm presentation.

Signature of the supervisor:_____

Date:_____

Midterm Presentation Feedback: