**SPL1 Project Proposal Form, 2024**

**Institute of Information Technology (IIT)**

**University of Dhaka**

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| **Student’s Name:** | **Kazi Farhana Faruque** | | |
| **Student’s Roll:** | **1506** | **Phone:** | **01642000953** |
| **Project Description:** “**Image Compression Tool**” is a project which will compress an image in shorter size and will zip the file by using Huffman Coding Algorithm.This project also implements some image processing algorithms. Here are some features that I try to implement in my project:-   1. **Image Loading and Reading** 2. **Compressing image** 3. **Zip File** 4. **Save image** | | | |
| **Languages or Tools to be used: C, C++, Visual Studio Code, Github** | | | |
| **Supervisor’s Name: Dr. B M Mainul Hossain**  **Signature of the supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date: 27 November 2024** | | | |
| **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:** | | | |