

**SPL1 Project Proposal Form, 2022**  
**Institute of Information Technology (IIT)**  
**University of Dhaka**

<b>Student's Name:</b>	Shifat Jahan Shifa		
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<p><b>Project Description:</b> The name of my project is “Steganography”. Steganography is the art and science of embedding secret messages in a cover message in such a way that no one apart from the sender and intended recipient, suspects the existence of the secret message. This technique is now popular to hide any message into different multimedia. Depending on the nature of the cover object (actual object in which the secret data is embedded), steganography can be done in five ways.</p> <ul style="list-style-type: none"><li>a) Text steganography.</li><li>b) Image steganography.</li><li>c) Video steganography.</li><li>d) Audio steganography.</li><li>e) Network steganography.</li></ul> <p>This project will implement steganography using Image as the cover media. Text files will be used as the secret message which will be encrypted and then embedded into a .bmp image file. Then at the destination, the hidden text message can be decrypted from the image file by only intended recipient.</p>			
<p><b>Languages or Tools to be used:</b></p> <p>C, C++</p>			
<p><b>Supervisor's Name:</b> B M Mainul Hossain</p> <p><b>Signature of the supervisor:</b>_____</p> <p><b>Date:</b> 04/01/2023</p>			