**SPL-1 Project Proposal Form, 2023**

**Institute of Information Technology (IIT)**

**University of Dhaka**

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| **Student’s Name:** | **Md. Rakibul Islam** | | |
| **Student’s Roll:** | **BSSE-1411** | **Phone:** | **01874505676** |
| **Project Description: Static Analysis of Malware**    Static Analysis of Malware employs advanced techniques to meticulously unravel the concealed intent behind executable files. Through File Signature Analysis, PE Header Parsing, and String Analysis, we unearth potential threats. Employing Feature Extraction and comprehensive Testing, we determine whether the file is malicious.  These project goals align with the input-output scenario, focusing on detecting malicious intent within .exe files and providing a user-friendly and effective solution for malware detection. | | | |
| **Languages or Tools to be used: C/C++, Git, GitHub** | | | |
| **Supervisor’s Name: Dr. B M Mainul Hossain**  **Signature of the supervisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |
| **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:** | | | |