**SPL1 Project Proposal Form, 2022**

**Institute of Information Technology (IIT)**

**University of Dhaka**

|  |  |  |  |
| --- | --- | --- | --- |
| **Student’s Name:** | **Adity Khisa** | | |
| **Student’s Roll:** | **BSSE-1334** | **Phone:** | **01556645845** |
| **Project Description:**  Project Name:“Integration analyzer”    It is a kind of learning tool where the integral equations will be solved step by step.   * There will be a part with or without limitation solving the integral equations. Moreover if we give two equations, it will find out the area between them. * Then, there will be a feature where some questions will be given and student will solve them. The student’s answer will be compared with the correct answer, and then results will be shown. * There will also be Physics-related problems ( e.g., motion laws, equation of work done by variable force, measurement of kinetic energy, gravitational energy, elastic potential energy, escape velocity, etc.) which the students can solve. | | | |
| **Languages or Tools to be used:**  **C++,C,** | | | |
| **Supervisor’s Name: Dr. Ahmedul Kabir**  **Signature of the supervisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date: 4 January, 2023** | | | |