**SPL1 Project Proposal Form, 2022**

**Institute of Information Technology (IIT)**

**University of Dhaka**

| **Student’s Name:** | **Tanvir Hasan Abir** | | |
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| **Project Description:**  **Derivative-Calculator**  Calculus is concerned with two basic operations, differentiation and integration, and is a tool used by engineers to determine such quantities as rates of change and areas.Here,differentiation is a process of finding a function that outputs the **rate of change** of one variable with respect to another variable.Because of many complex calculations and formulas, most of the learners give up so easily. To make it with accurate and easier solution,I am giving effort on the Project of a differentiation calculator. So, my project is about indefinite differentiation calculation.    **Scope:**   * **Algebra functions** * **Trigonometry functions** * **ln functions** * **Exponential functions** * **Composite functions** | | | |
| **Languages or Tools to be used:**  **C,C++,Codeblocks,Github** | | | |
| **Supervisor’s Name: Associate Prof. Naushin Nower**  **Signature of the supervisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |