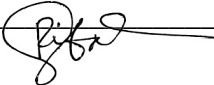


SPL1 Project Proposal Form, 2022
Institute of Information Technology (IIT)
University of Dhaka

Student's Name:	Umme Kulsum Tumpa		
Student's Roll:	1307	Phone:	01611604140
<p>Project Description:</p> <p style="text-align: center; font-size: 1.2em; margin: 10px 0;">Code Metric Calculator</p> <p>I will build a software tool named Code Metric Calculator(CMC). This calculator will measure some aspect of the quality or performance of a Java source code. It will calculate some basic code metrics listed below:</p> <ol style="list-style-type: none">1. Lines of code(LOC)2. Cyclomatic Complexity(CC)3. Weighted Methods per Class (WMC)4. Number of methods in a class5. Number of fields in a class <p>These metrics can be used for identifying areas of the code that may require refactoring or optimization, measuring the complexity of the code, Improving code quality, measuring progress and so on.</p>			
Languages or Tools to be used: C, C++, Codeblocks, Github			
<p>Supervisor's Name: _____ Mr. Abdus Satter _____</p> <p>Signature of the supervisor: _____ </p> <p>Date: _____</p>			