**SPL1 Project Proposal Form, 2022**

**Institute of Information Technology (IIT)**

**University of Dhaka**

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| **Student’s Name:** | **Eftiare Ahmed Rimon** | | |
| **Student’s Roll:** | **BSSE 1356** | **Phone:** | **01646454772** |
| **Project Description:**  Tic-tac-toe is a board/paper-and-pencil game for two players. The first player will be designated "X" and another player will be designated "O". The player who succeeds in placing k of his assigned marks in a horizontal, vertical or diagonal row first will be considered as the winner. In our application, a user can choose the board size (k×k). Usually the board size is 3×3. Then user can choose either he wants to play against computer (one-player mode) or a friend (two-player mode).  **Purpose:**   1. Develop UI 2. Learning UI (for single player) | | | |
| **Languages or Tools to be used: C/C++** | | | |
| Supervisor’s Name: [Dr. Md. Shariful Islam](http://www.iit.du.ac.bd/about_iit/individual_teacher/19) **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Signature of the supervisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date: 01/04/2023** | | | |