

SPL-1 Project Proposal Form, 2023
Institute of Information Technology (IIT)
University of Dhaka

Student's Name:	Most. Nusrat Sharmin		
Student's Roll:	1441	Phone:	01859168679
<p>Project Description:</p> <p>The aim of this project, DUMap:The Route Planner, is to develop a console-based map application that serves as a route planning tool. This map will enable users to find the most efficient path between two or more locations on the map, taking into account some factors such as distance, time or cost. The program will also support real-time tracking , allowing users to simulate movement on the map.</p> <p>The core functionality of DUMap will involve utilizing data structures to represent the map as a graph, implementing graph algorithms, including Dijkstra's shortest path algorithm, BFS, DFS and other relevant algorithms.</p>			
<p>Languages or Tools to be used:</p> <p>C, C++, Codeblocks, Git, Github</p>			
<p>Supervisor's Name: Prof. Kazi Muheymin-Us-Sakib</p> <p>Signature of the supervisor:</p> <p>Date: 03 August 2023</p>			

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: