

# Dhaka International University

Department of Computer Science & Engineering

Batch: Day-93

Semester: 2<sup>nd</sup>

Data Structure Lab [0613-104]

Date: 13<sup>rd</sup> September, 2024

To,

The Course Teacher,

Data Structure Lab [0613-104]

**Subject:** Seeking permission to develop TalkSpace [a data structure based bi-polar chatting system] using various concepts of C++.

Sir,

With sincere respect, I, on behalf of my team Pristine Falcons, would like to state our interest to develop a data structure based project to conduct bi-polar conversation, focusing on simulating a smooth & easy communication experience.

- **Project Title:** TalkSpace

- **Key Features:**

1. Two users to conduct conversation.
2. Auto synced history to save ongoing conversation.
3. Clearing chat history anytime.
4. Terminating chat sessions.

- **Objectives:**

1. Designing a simple & interactive chatting system.
2. Applying of functions, arrays, loops & string in C++.
3. Ensuring accurate instant reactive conversation.

- **Tools:**

1. **Language:** C++ Programming
2. **Compiler:** Code::Blocks / Dev-C++ / VS Code / Online Compiler
3. **Concepts:** Loops, Functions, Arrays, Conditional Statements, String etc.

- **Expected Outcome:**

The project will result in a functional chatting system capable of conducting minimal conversations in simple, transparent & user-friendly process.

Our team Pristine Falcons consists of the following members who are committed to delivering their best effort in their assigned roles:

Roll No.	Name	Role
02	<b>MOSADDEK HOSSAIN MEHEDI</b>	Team Lead
17	<b>SAIFUL ISLAM</b>	Quality Assurance
21	<b>HASIBUL HOQUE PROBAL</b>	Lead Programmer
22	<b>MST. SULTANA YEASMIN</b>	Documentation
40	<b>AZIZUR RAHMAN ARZU</b>	Feature Developer

We sincerely request your approval to accelerate the required follow-up actions for the successful completion of the project.

Yours sincerely,

on behalf of Pristine Falcons —

**MosaddeK Hossain Mehedi**

**Roll: 02**

Batch: D-93

Department of Computer Science & Engineering

Submitted to:

**Mohiuddin Hasan Tanvir**

Lecturer

Department of Computer Science & Engineering