

Dhaka International University

Department of Computer Science & Engineering

Batch: Day-93

Semester: 2nd

Data Structure Lab [0613-104]

Date: 13rd 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	MOSADDEK HOSSAIN MEHEDI	Team Lead
17	SAIFUL ISLAM	Quality Assurance
21	HASIBUL HOQUE PROBAL	Lead Programmer
22	MST. SULTANA YEASMIN	Documentation
40	AZIZUR RAHMAN ARZU	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