



# SOFTWARE ENGINEERING PROJECT

**Making a Bluetooth Chat App**



**Group name**  
☐ **VAI-BROTHERS**

**Group Members :**

- ☐ **MD Toushif Pramanik  
(F17040118)**
- ☐ **MD Sajedul Islam  
(F17040117)**
- ☐ **Hosne Ara(F17040101)**
- ☐ **Mahbub Al Hossain  
(F17040105)**
- ☐ **Shah MD Simran Billah  
(F17040115)**

# OUR PROJECT'S NAME:

☐ **Bluetooth Chat App**



# OUR PROJECT VISION:

□ NO INTERNET : our target purpose is to create an application that does not need help of internet or cellular charges for being able to communicate within a given range

FREE PROGRAMME : Our target customers currently are students and under adults who can use his programme for free even if they don't have the facility of internet

INSTANT SHARING : The application consists of a system that allows instant sharing of images and music etc other media files within the given range . In fact our application itself can be shared by Bluetooth to any user who hasn't downloaded the app yet

# MATERIALS:

- ☐ We will use these materials for creating our software:

1. JAVA, XML

2. Toolkits: JDK

3. Android Studio

4. SQLite Database

\*\* This is an android type application.

\*\* This application will run on any android devices.

# STRUCTURE OF OUR PROJECT:

Chat Login  
Interface

Bluetooth Chat App

Not connected

CONNECT

Input some text

SEND



Bluetooth Chat App Logout

Not connected

CONNECT

Input some text

SEND

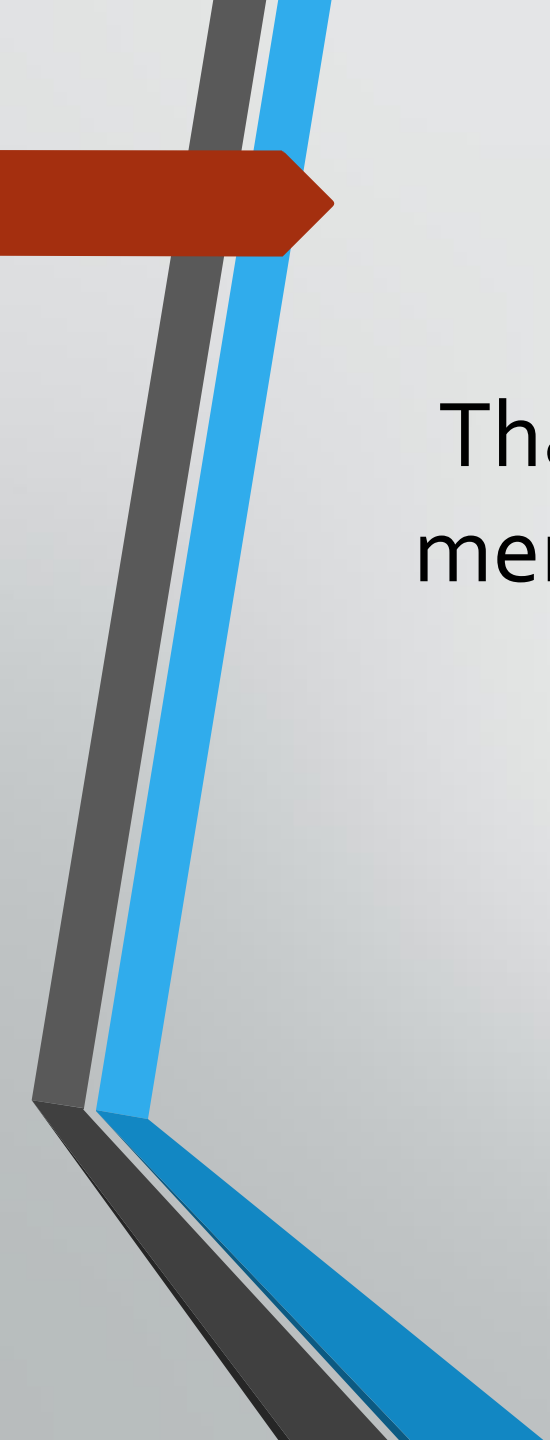
# Challenges and Risks :

- Challenges :
- One of the biggest challenges is that currently thousands of incredible chatting applications already exist in the market . Topping them over to get recognition will be a difficult milestone to achieve
- Execution without sponsorship is another difficulty in case of the need of any advertisement or financial support
- RISKS:
- The range durability is our first fear. This application will deeply be affected by the quality of a user's mobile phone.
- We are still preparing a security system for the application to defend itself from Bluetooth transmitted viruses .

# OUR PROSPECTS:

- ☐ **An attractive interface**
- ☐ **Developing the coding for unique delivery**
- ☐ **Improving compared to other chat apps**
- ☐ **Utilizing the effort for a recognition in a broader field**





Thanks to our honorable teacher and our team members for working hard and trying their level best for this project.

THANK YOU