



# SOFTWARE ENGINEERING PROJECT

MAKING AN ANDROID SOFTWARE TO DO BLUETOOTH CHAT APP

Group Name

VAI BROTHERS

# GROUP

## Group Members

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# OUR PROJECT NAME



BLUETOOTH CHAT APP



# MATERIALS:

THE MATERIALS WE HAVE USED TO MAKE THIS APP IS GIVEN BELOW :

- TOOLS (IDE): ANDROID STUDIO
- USER INTERFACE: XML
- CODE BEHIND: JAVA AND XML
- TOOL KIDS : JKD
- SQ LITE DATABASE

## Project's Main Features :

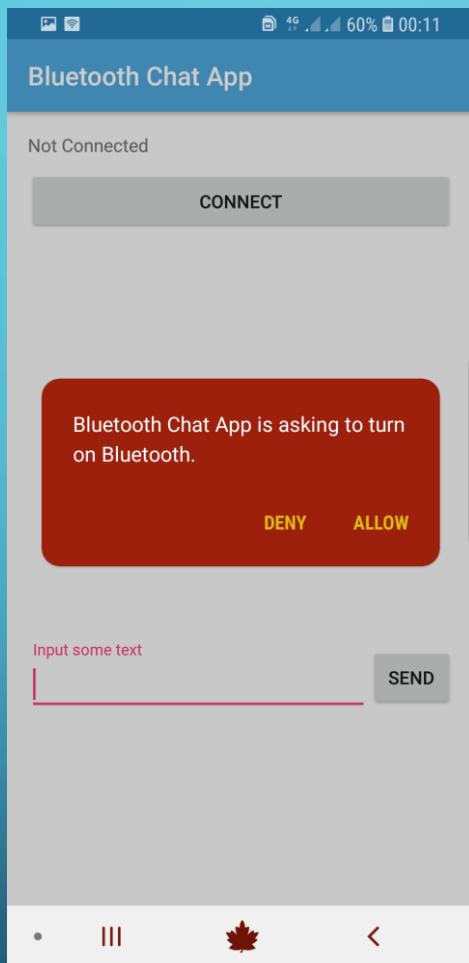
### 1. Our Bluetooth Chat App

First click on this to open the apps



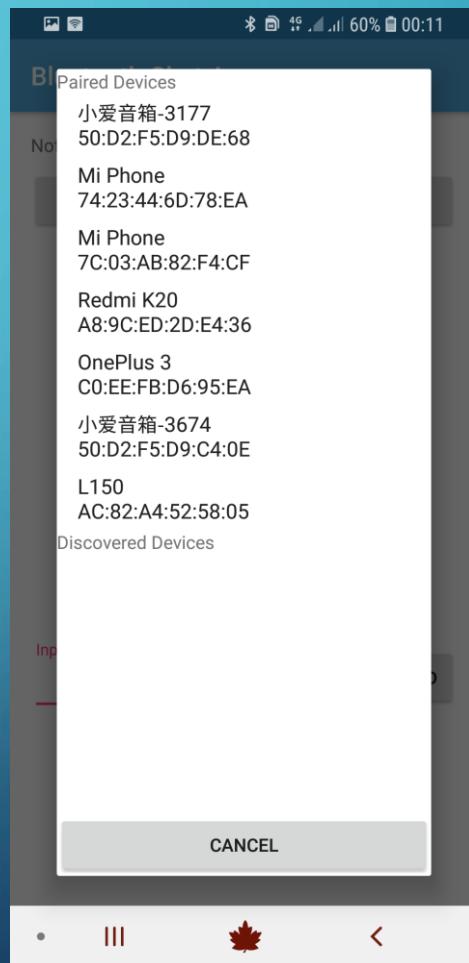
### 2. Turn On Your Bluetooth

Need to allow this features to run and use this app



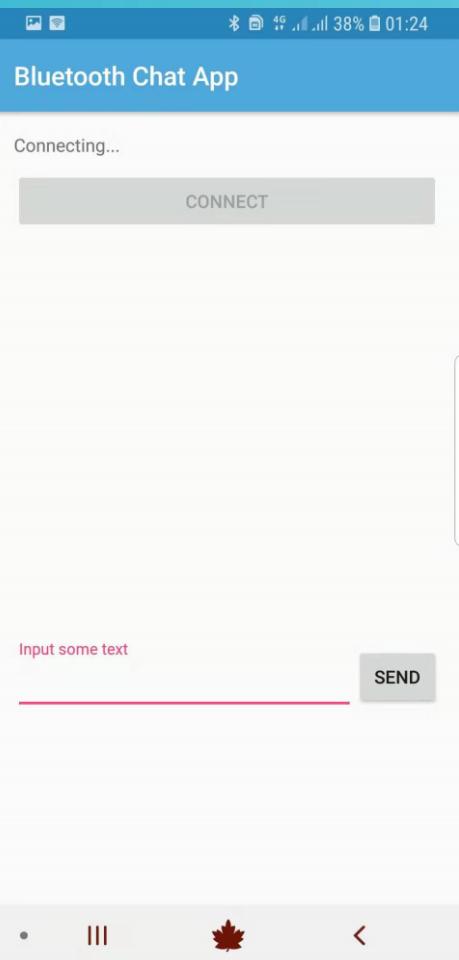
### 3. Searching For Another Device

You have to tap the "CONNECT" button to see this page



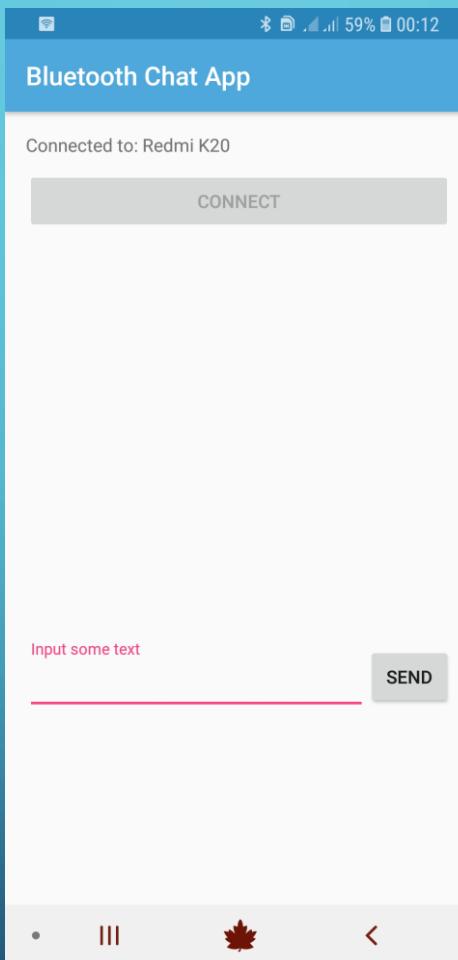
## 4.Connecting Page

When you select any device  
you will see this page



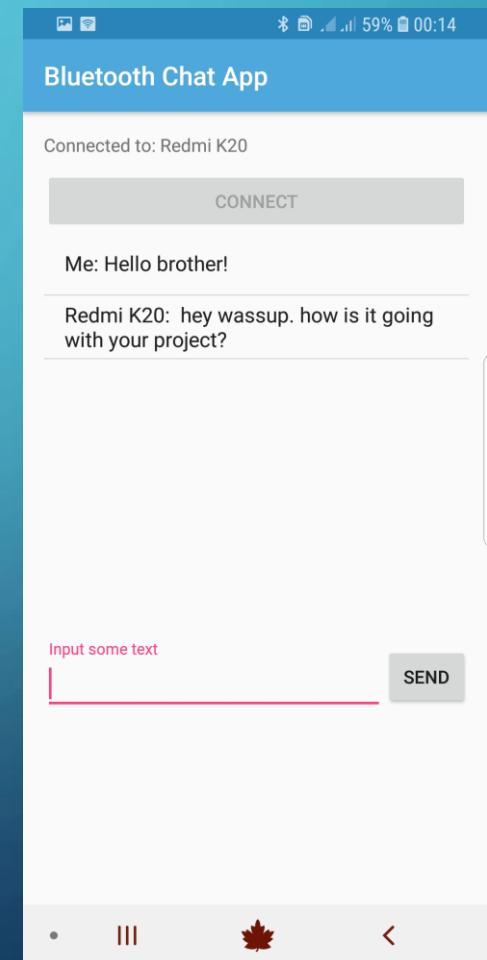
## 5.Connected Page

When you will be connected with your friend  
the apps will show you that you are connected



## 6.Successfully Start Conversation

Chill & start Chatting with your friend



## **Problems that we did not anticipate :**

- Android studio is basically easy going for java programming language . In our university life we were taught C++ and JAVA. But unfortunately our team members were not good at java , so that we have to give more times on java .
- When we submit the proposal ,we thought that it would be easy to make the Bluetooth chat app but in reality it was so hard to work on android studio and make an app . Because it was our first time .
- In our proposal we said that if someone does not have this app in his/her phone , they can take this app by one click . There will be a button and user just click on that button and the app will directly send to another device via Bluetooth . But we cannot make it . we are sorry for that .You can normally send this app's apk file if you have it in your phone .
- The biggest problem we face is about gradle . The gradle version we have used was not correct for our program then we changed it .now it's working .gradle is used to automate build, testing etc .
- Ide and plugin need to update all the time to run the program smoothly .

THANK YOU