QR code + RD545 API Teach

How get QR code?

條碼產生器

QR Code   Quick Code   Data Martix   中国移动规格   進階設定

網頁
🌐 網頁網址
🌐 網頁書籤

通訊錄
📇 連絡人 (vCard)
📇 連絡人 (meCard)

簡訊、電子郵件
📞 電話號碼
🔄 簡訊傳送
✉️ 電子郵件

安全加密
🔒 加密

其他
📄 文字
🧩 魔法拼圖
📍 地理資訊

QR-Code 條碼產生器

文字資料   0912345678|0000|1|1999-09-09|180.5|0|0.5

請輸入任意文字。

下載條碼 PNG | JPG | GIF | SVG

產生

文字資料   0912345678|0000|1|1999-09-09|180.5|0|0.5

phone number
country number?
gender
Birthday
Height
weight?
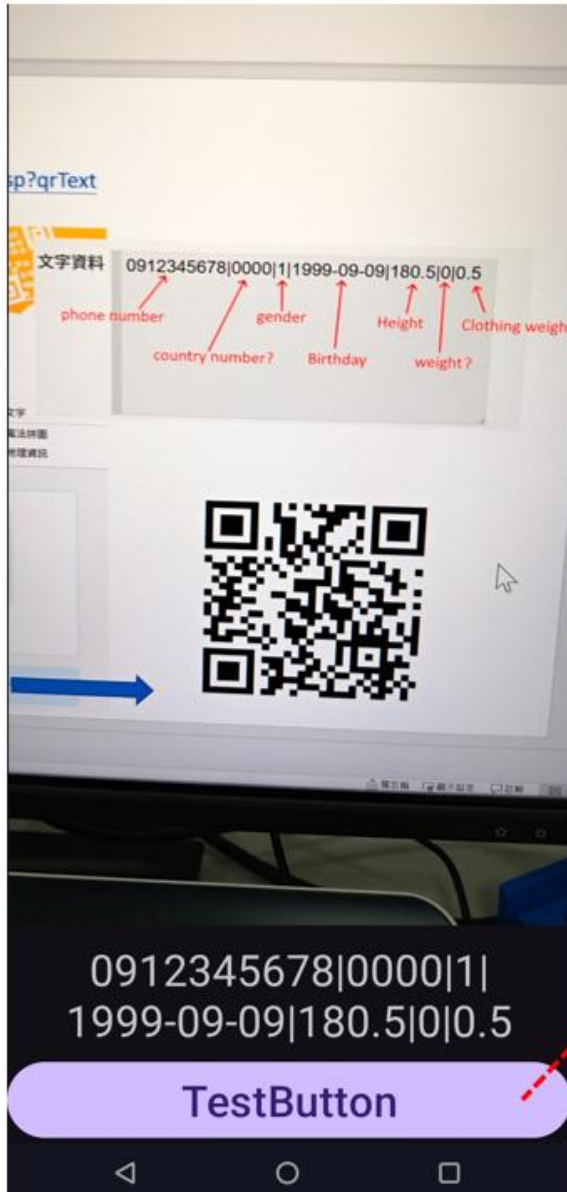Clothing weight

This is the code provided by Tanita.

How import Project to Android Studio?
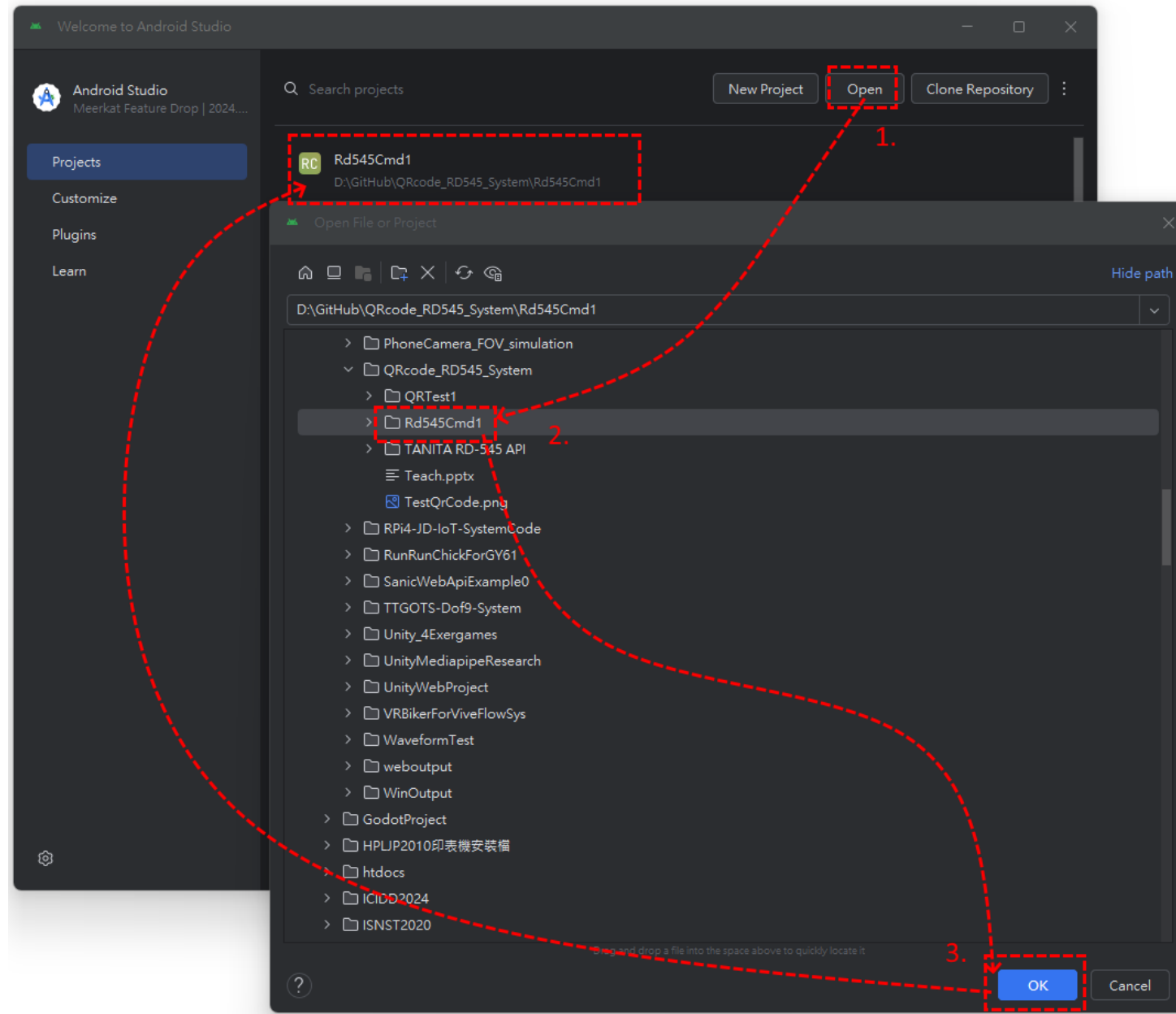
QRTest1-- Read QR Code Example

APP1—Activity1   APP1—Activity2 or APP2

0912345678|0000|1|
1999-09-09|180.5|0|0.5

Message
Intent

App1

Activity2   MainActivity

Entry Interface

Camera Sense Event

Control Event   *Automation
                       *Button
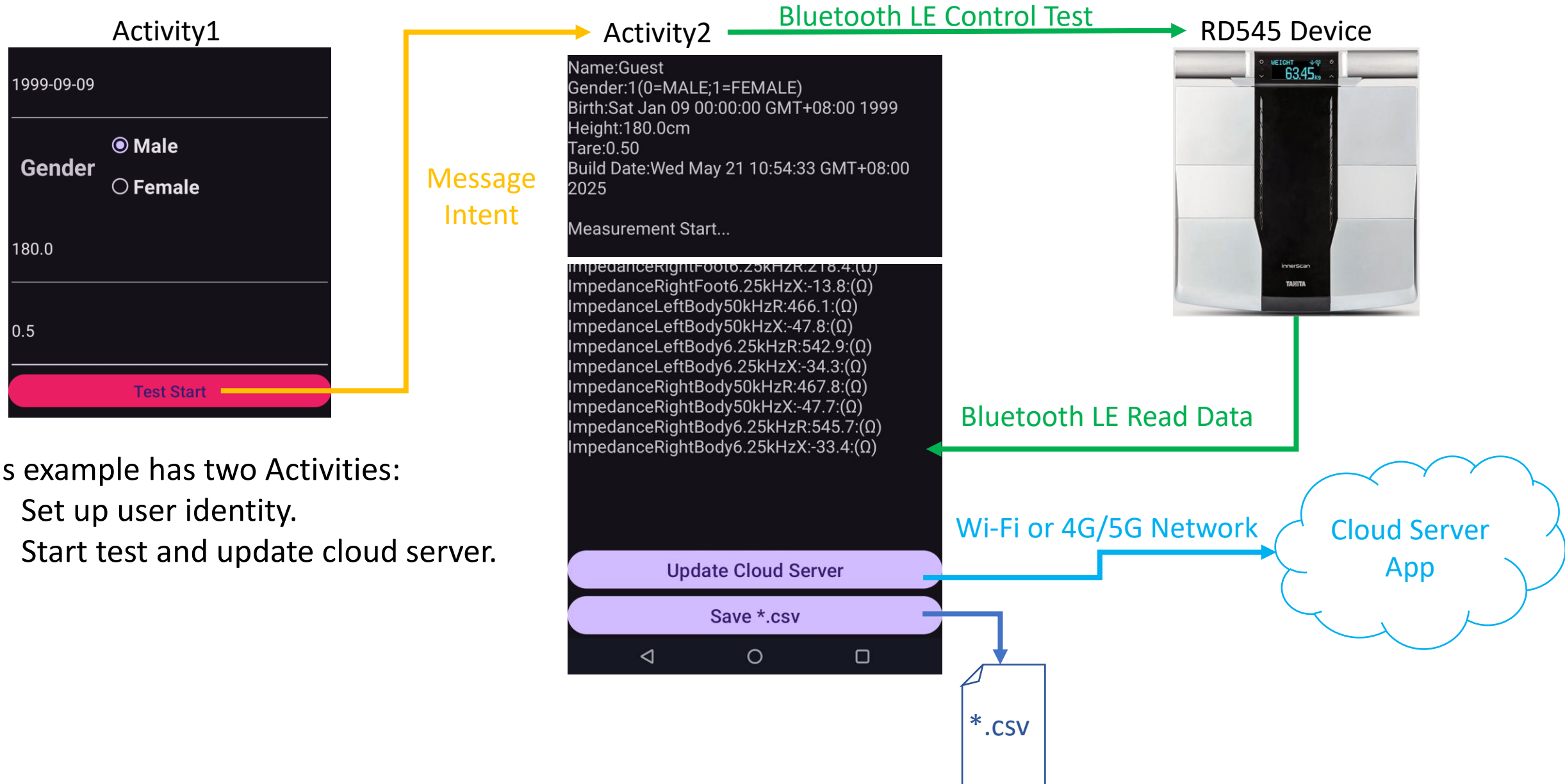
Message
Intent
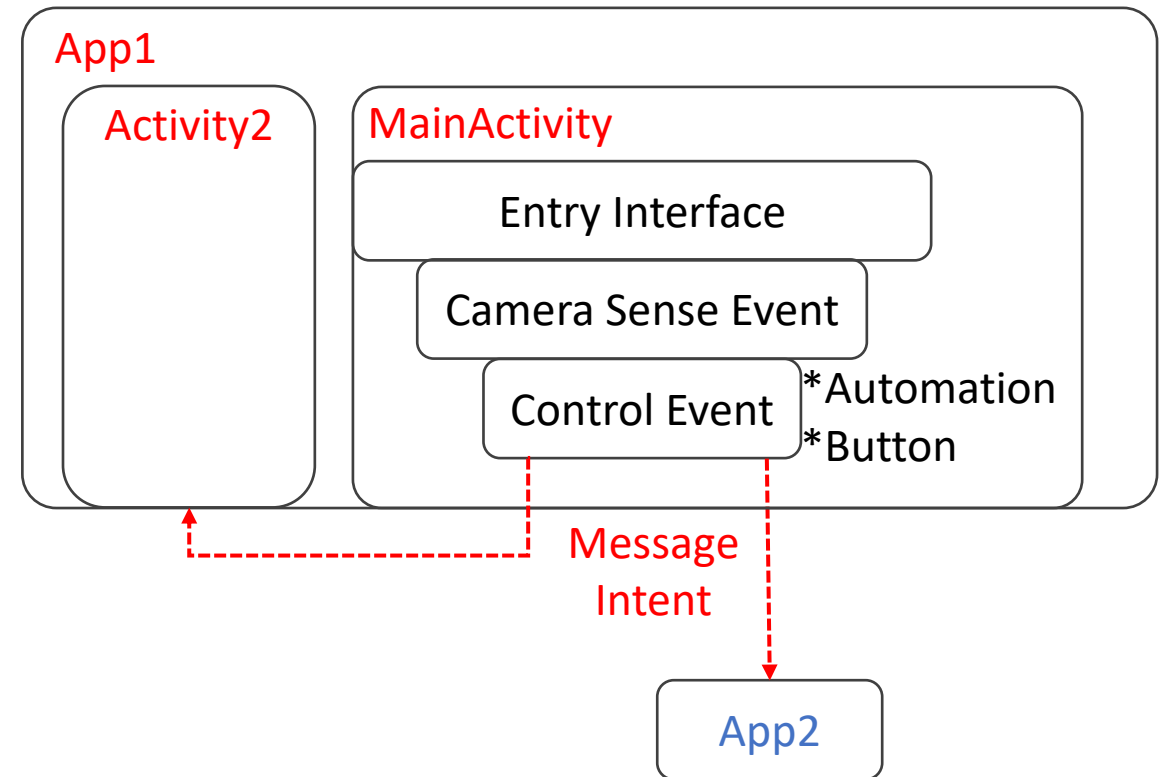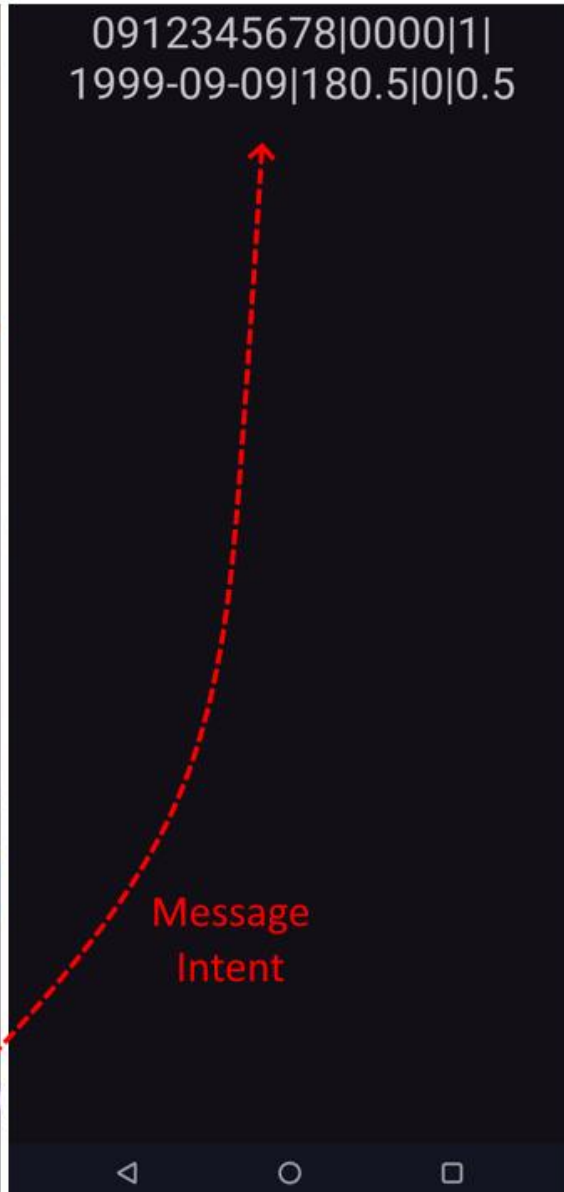
App2

Most of the time, APP1 and APP2 are produced by two different unit engineers.
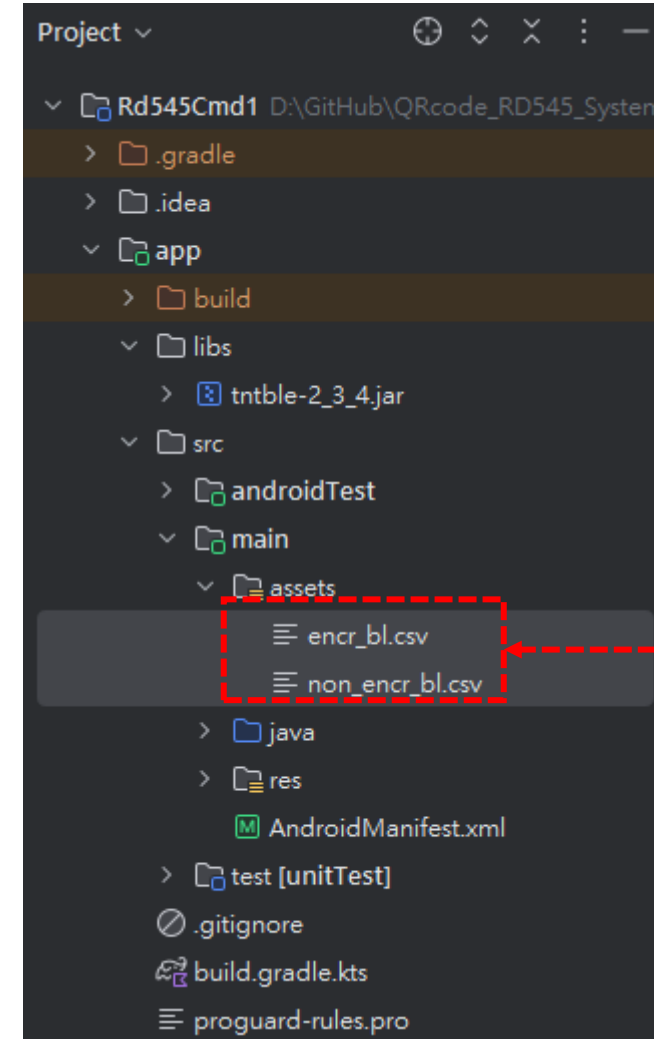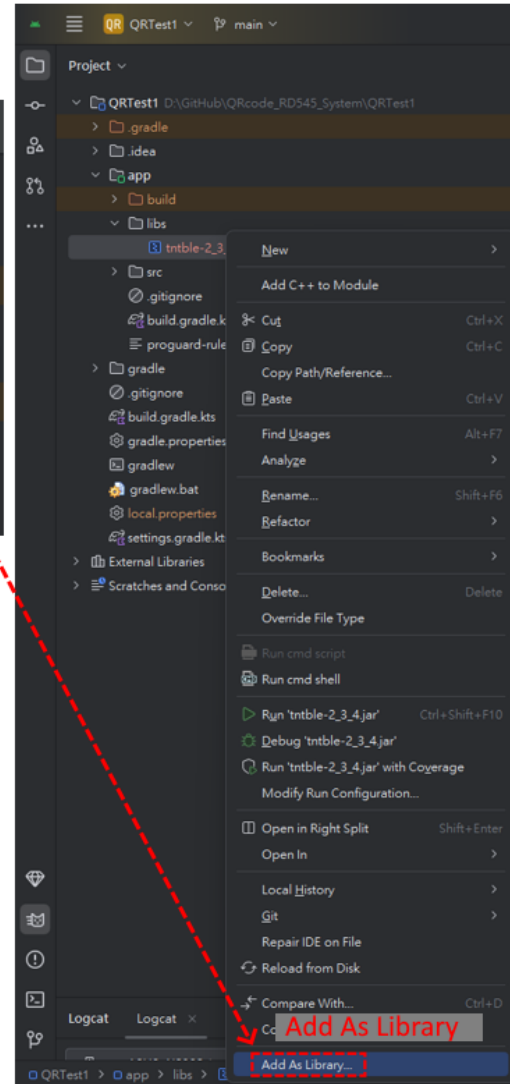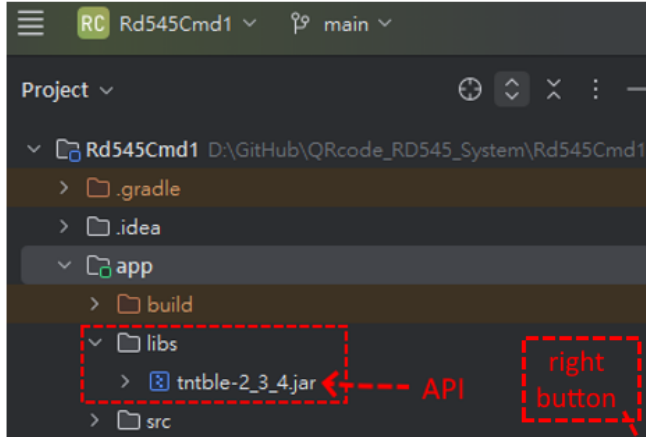
Therefore, Intent method is needed to call the other party's APP and transmit messages.

Rd545cmd1-- Rd545 Api call Example

Activity1

1999-09-09
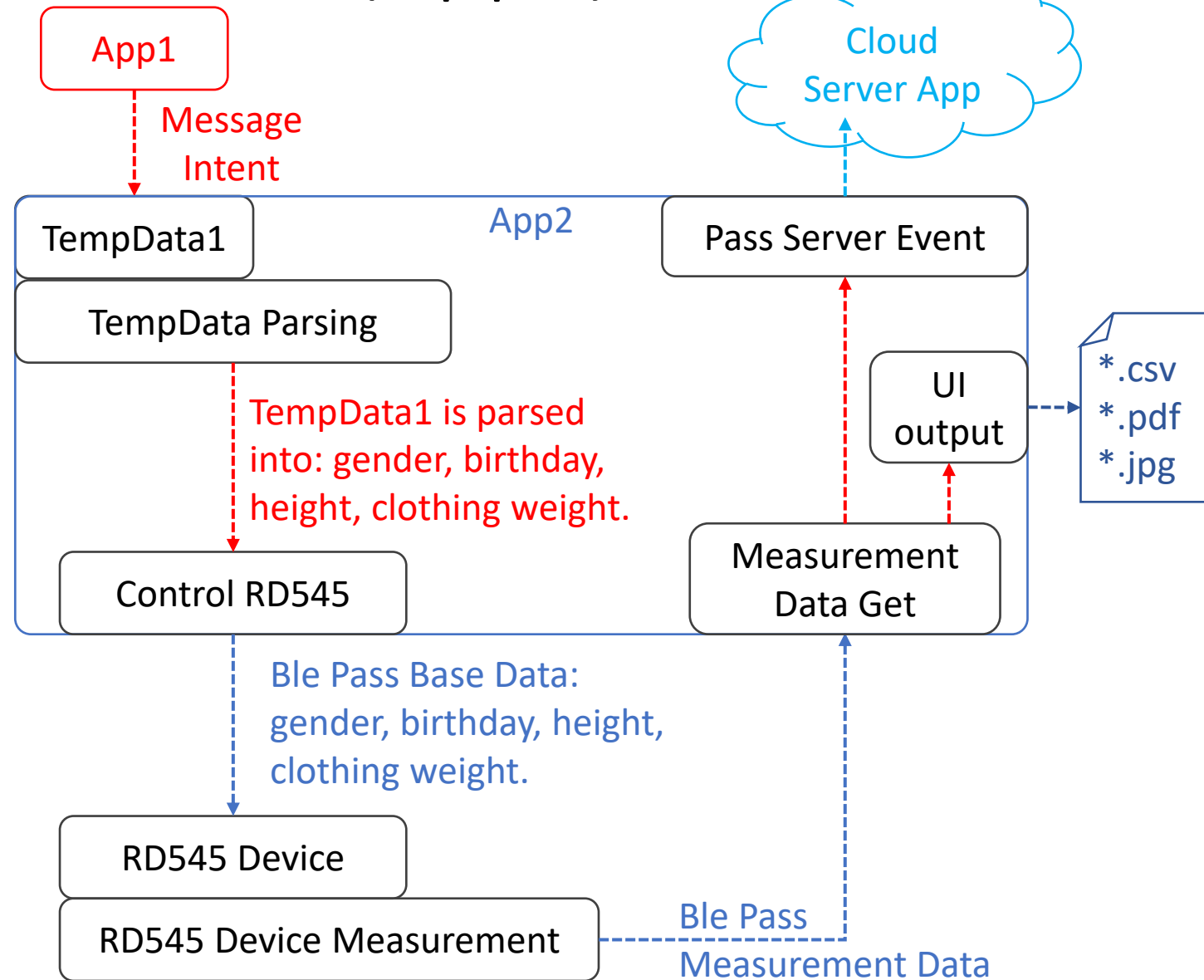
Gender ● Male
○ Female

180.0

0.5

Test Start

Message Intent

Activity2

Bluetooth LE Control Test

RD545 Device

Name:Guest
Gender:1(0=MALE;1=FEMALE)
Birth:Sat Jan 09 00:00:00 GMT+08:00 1999
Height:180.0cm
Tare:0.50
Build Date:Wed May 21 10:54:33 GMT+08:00 2025

Measurement Start...

ImpedanceRightFoot6.25kHzR:218.4:(Ω)
ImpedanceRightFoot6.25kHzX:-13.8:(Ω)
ImpedanceLeftBody50kHzR:466.1:(Ω)
ImpedanceLeftBody50kHzX:-47.8:(Ω)
ImpedanceLeftBody6.25kHzR:542.9:(Ω)
ImpedanceLeftBody6.25kHzX:-34.3:(Ω)
ImpedanceRightBody50kHzR:467.8:(Ω)
ImpedanceRightBody50kHzX:-47.7:(Ω)
ImpedanceRightBody6.25kHzR:545.7:(Ω)
ImpedanceRightBody6.25kHzX:-33.4:(Ω)

Bluetooth LE Read Data

Update Cloud Server

Save *.csv

Wi-Fi or 4G/5G Network

Cloud Server App

*.CSV

This example has two Activities:
1. Set up user identity.
2. Start test and update cloud server.

Rd545cmd1-- Rd545 Api call Example

Api Setting

right
button

API

Add As Library

Setup:
encr_bl.csv
non_encr_bl.csv

QRTest1(App1) Call Rd545cmd1(App2)
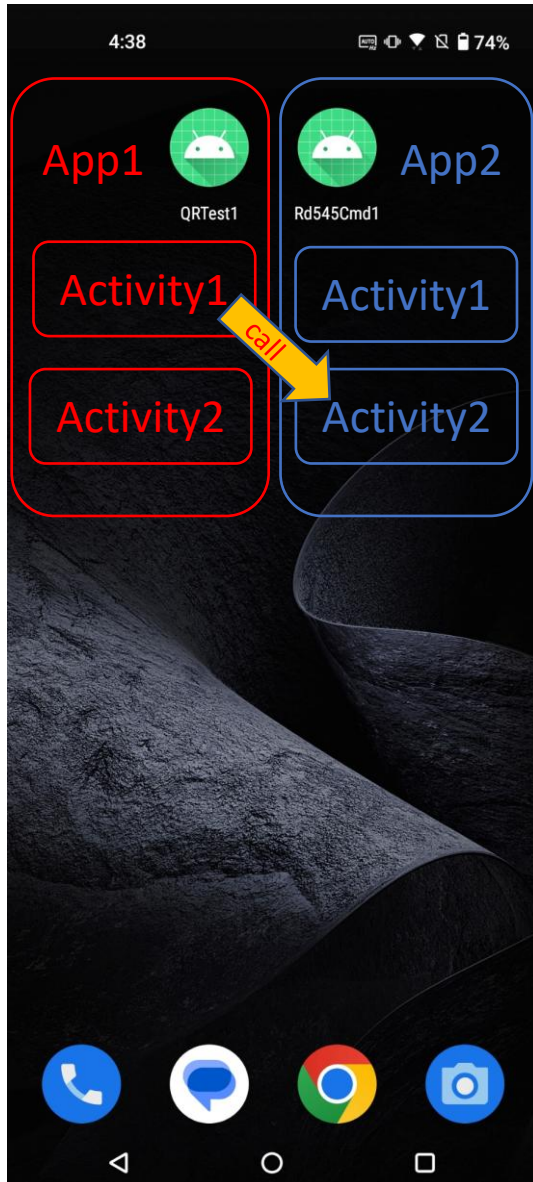
QRTest1(App1) Call Rd545cmd1(App2)

App1:Activity1 Button Event change call Object.

```
35    public class MainActivity extends AppCompatActivity {
151       public void BtnClick(View v)
152       {
153           Intent intent = new Intent( packageContext: this, MeasurementActivity.class);
154           intent.putExtra( name: "key", textView.getText());
155           startActivity(intent);
156           /*
157           Intent intent = new Intent();
158           intent.setComponent(new ComponentName(
159                   "wi.ki.rd545cmd1", // package name of APP2
160                   "wi.ki.rd545cmd1.MeasurementActivity" // call to Activity2 Name of APP2
161           ));
162           String[] parts = textView.getText().toString().split("\\|");
163           intent.putExtra("Phone",parts[0]);
164           intent.putExtra("Area",parts[1]);
165           intent.putExtra("Gender",parts[2]);
166           intent.putExtra("Birthday",parts[3]);
167           intent.putExtra("Height",parts[4]);
168           intent.putExtra("Weight",parts[5]);
169           intent.putExtra("ClothesWeight",parts[6]);
170           startActivity(intent);
171           */
172       }
173    }
```

This Code is call Activity2 of App1.

This Code is call Activity2 of App2.

QRTest1(App1) Call Rd545cmd1(App2)

App2:Activity2 external call permission settings

```xml
AndroidManifest.xml  ×
2      <manifest xmlns:android="http://schemas.android.com/apk/res/android"
14         <application
27             <activity
28                 android:name=".MeasurementActivity"
29                 android:exported="true"/>
30             <activity
31                 android:name=".MainActivity"
32                 android:exported="true">
33                 <intent-filter>
34                     <action android:name="android.intent.action.MAIN" />
35
36                     <category android:name="android.intent.category.LAUNCHER" />
37                 </intent-filter>
38             </activity>
39         </application>
40
41     </manifest>
```

Exported="true":
This can be called externally.

Exported="false":(Default)
This cannot be called externally.