## 2. Installation Guides

### 2.1 System Requirements

* NodeJS version >= 8
* Android version >=5.0
* JDK =>8

### 2.2 Setup Files

Download link:

<https://drive.google.com/file/d/1skPKAL6Z85JYuq4OFPCdBfPNkcWKQkhN/view?usp=sharing>

### 2.3 Installation Instruction

a. Update the .env file on projects with your credentials. Config build.gradle content inside App folder

apply plugin: "com.android.application"

apply plugin: 'com.google.gms.google-services'

import com.android.build.OutputFile

project.ext.react = [

    enableHermes: false,  // clean and rebuild if changing

]

apply from: "../../node\_modules/react-native/react.gradle"

apply from: "../../node\_modules/react-native-vector-icons/fonts.gradle"

def enableSeparateBuildPerCPUArchitecture = false

def enableProguardInReleaseBuilds = false

def jscFlavor = 'org.webkit:android-jsc:+'

def enableHermes = project.ext.react.get("enableHermes", false);

android {

    compileSdkVersion rootProject.ext.compileSdkVersion

    compileOptions {

        sourceCompatibility JavaVersion.VERSION\_1\_8

        targetCompatibility JavaVersion.VERSION\_1\_8

    }

    defaultConfig {

        applicationId "com.foodapp"

        minSdkVersion rootProject.ext.minSdkVersion

        targetSdkVersion rootProject.ext.targetSdkVersion

        versionCode 1

        versionName "1.0"

        multiDexEnabled true

    }

    splits {

        abi {

            reset()

            enable enableSeparateBuildPerCPUArchitecture

            universalApk false  // If true, also generate a universal APK

            include "armeabi-v7a", "x86", "arm64-v8a", "x86\_64"

        }

    }

    signingConfigs {

        debug {

            storeFile file('debug.keystore')

            storePassword 'android'

            keyAlias 'androiddebugkey'

            keyPassword 'android'

        }

    }

    buildTypes {

        debug {

            signingConfig signingConfigs.debug

        }

        release {

            // Caution! In production, you need to generate your own keystore file.

            // see https://reactnative.dev/docs/signed-apk-android.

            signingConfig signingConfigs.debug

            minifyEnabled enableProguardInReleaseBuilds

            proguardFiles getDefaultProguardFile("proguard-android.txt"), "proguard-rules.pro"

        }

    }

    // applicationVariants are e.g. debug, release

    applicationVariants.all { variant ->

        variant.outputs.each { output ->

            // For each separate APK per architecture, set a unique version code as described here:

            // https://developer.android.com/studio/build/configure-apk-splits.html

            def versionCodes = ["armeabi-v7a": 1, "x86": 2, "arm64-v8a": 3, "x86\_64": 4]

            def abi = output.getFilter(OutputFile.ABI)

            if (abi != null) {  // null for the universal-debug, universal-release variants

                output.versionCodeOverride =

                        versionCodes.get(abi) \* 1048576 + defaultConfig.versionCode

            }

        }

    }

}

dependencies {

    implementation 'com.android.support:multidex:2.0.1'

    implementation platform('com.google.firebase:firebase-bom:26.5.0')

    implementation 'com.google.firebase:firebase-analytics'

    implementation fileTree(dir: "libs", include: ["\*.jar"])

    //noinspection GradleDynamicVersion

    implementation "com.facebook.react:react-native:+"  // From node\_modules

    implementation "androidx.swiperefreshlayout:swiperefreshlayout:1.0.0"

    debugImplementation("com.facebook.flipper:flipper:${FLIPPER\_VERSION}") {

      exclude group:'com.facebook.fbjni'

    }

    debugImplementation("com.facebook.flipper:flipper-network-plugin:${FLIPPER\_VERSION}") {

        exclude group:'com.facebook.flipper'

        exclude group:'com.squareup.okhttp3', module:'okhttp'

    }

    debugImplementation("com.facebook.flipper:flipper-fresco-plugin:${FLIPPER\_VERSION}") {

        exclude group:'com.facebook.flipper'

    }

    if (enableHermes) {

        def hermesPath = "../../node\_modules/hermes-engine/android/";

        debugImplementation files(hermesPath + "hermes-debug.aar")

        releaseImplementation files(hermesPath + "hermes-release.aar")

    } else {

        implementation jscFlavor

    }

}

// Run this once to be able to run the application with BUCK

// puts all compile dependencies into folder libs for BUCK to use

task copyDownloadableDepsToLibs(type: Copy) {

    from configurations.compile

    into 'libs'

}

project.ext.vectoricons = [

    iconFontNames: [ 'MaterialIcons.ttf', 'EvilIcons.ttf' ] // Name of the font files you want to copy

]

apply from: file("../../node\_modules/@react-native-community/cli-platform-android/native\_modules.gradle"); applyNativeModulesAppBuildGradle(project)

apply plugin: 'com.google.gms.google-services'

b. Update the android/app/src/main/AndroidManifest.xml file with the required permissions and Google API key:

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

  package="com.foodapp">

    <uses-permission android:name="android.permission.INTERNET" />

    <application

    android:usesCleartextTraffic="true"

      android:name=".MainApplication"

      android:label="@string/app\_name"

      android:icon="@mipmap/ic\_launcher"

      android:roundIcon="@mipmap/ic\_launcher\_round"

      android:allowBackup="false"

      android:theme="@style/AppTheme">

       <meta-data

     android:name="com.google.android.geo.API\_KEY"

     android:value="AIzaSyBOWVpdYuUgGNH4hlBGgaulqmkUIUWJzCM"/>

      <activity

        android:name=".MainActivity"

        android:label="@string/app\_name"

        android:configChanges="keyboard|keyboardHidden|orientation|screenSize|uiMode"

        android:launchMode="singleTask"

        android:windowSoftInputMode="adjustResize">

        <intent-filter>

            <action android:name="android.intent.action.MAIN" />

            <category android:name="android.intent.category.LAUNCHER" />

        </intent-filter>

      </activity>

      <activity android:name="com.facebook.react.devsupport.DevSettingsActivity" />

    </application>

</manifest>

c. Add your own google-services from firebase

{

  "project\_info": {

    "project\_number": "397714499801",

    "project\_id": "foodapp-d2ed7",

    "storage\_bucket": "foodapp-d2ed7.appspot.com"

  },

  "client": [

    {

      "client\_info": {

        "mobilesdk\_app\_id": "1:397714499801:android:c5127d6c28074d0451b6c8",

        "android\_client\_info": {

          "package\_name": "com.foodapp"

        }

      },

      "oauth\_client": [

        {

          "client\_id": "397714499801-bhgapipn20j0e0dhi9p5c2ipoccc41op.apps.googleusercontent.com",

          "client\_type": 1,

          "android\_info": {

            "package\_name": "com.foodapp",

            "certificate\_hash": "97af170fab7761acada053c5ff5c09f7c3b482d1"

          }

        },

        {

          "client\_id": "397714499801-2cjfnnqs42db2pes8h64au99ft9pvftu.apps.googleusercontent.com",

          "client\_type": 3

        }

      ],

      "api\_key": [

        {

          "current\_key": "AIzaSyCmVSWXO-EKlOwTEDM\_1ktzwJ-ihz6HmlY"

        }

      ],

      "services": {

        "appinvite\_service": {

          "other\_platform\_oauth\_client": [

            {

              "client\_id": "397714499801-2cjfnnqs42db2pes8h64au99ft9pvftu.apps.googleusercontent.com",

              "client\_type": 3

            }

          ]

        }

      }

    }

  ],

  "configuration\_version": "1"

}

d. Run the app

npx react-native run-android

## 3. User Manual

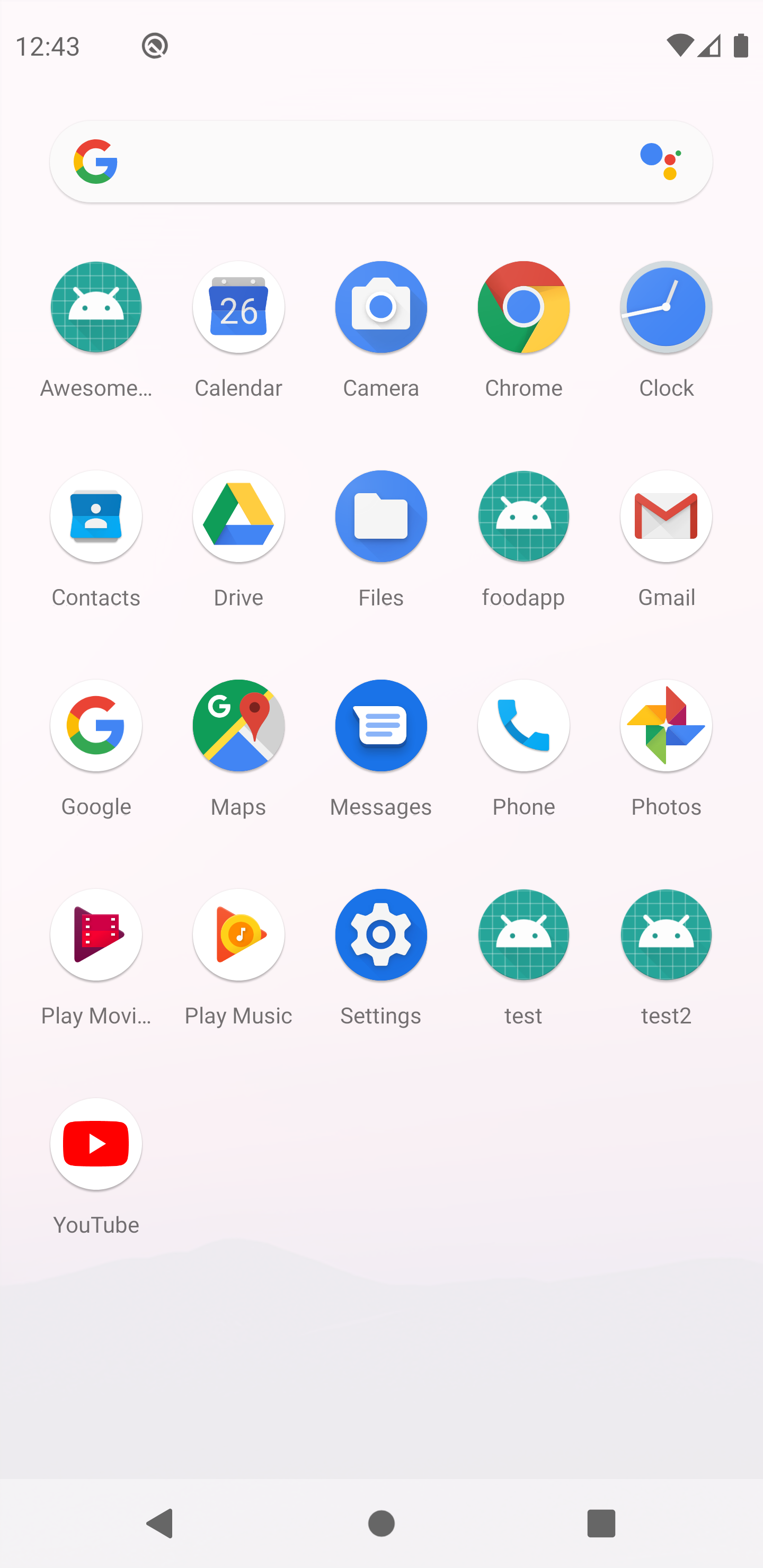
### 3.1 Application Usage

#### 3.1.1 Overview

FoodApp is an app designed for student of FPT university. Students can order food and it will get delivery to their room.

#### 3.1.2 Login

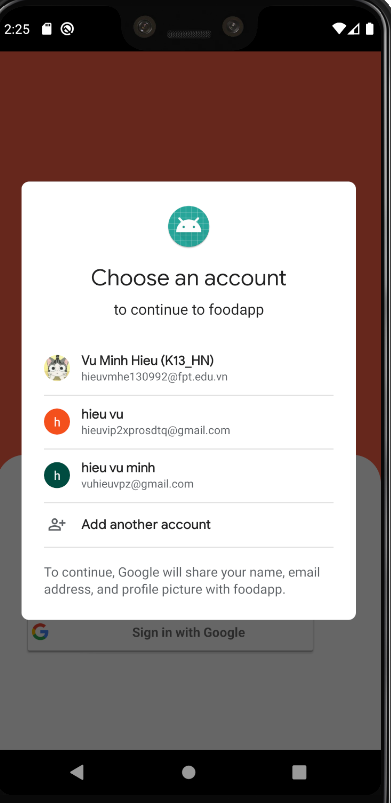
##### Step 1: Open app through foodapp



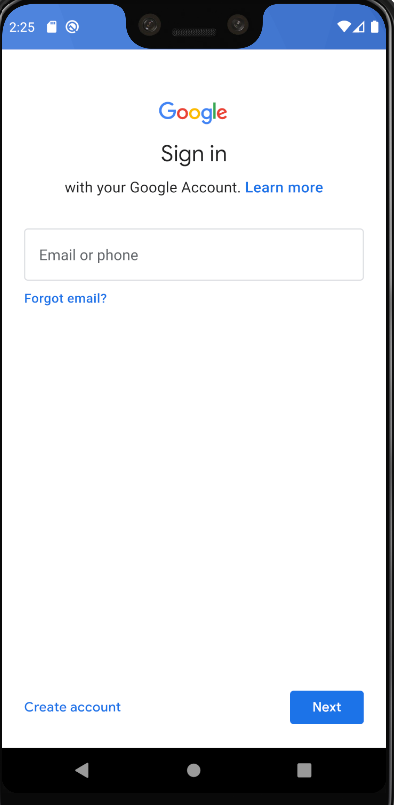
##### Step 2: Click on Sign in with Google



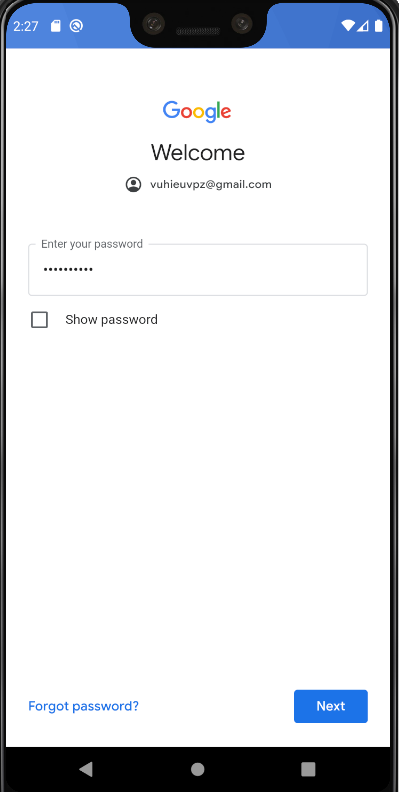
##### Step 3: Select account or add another



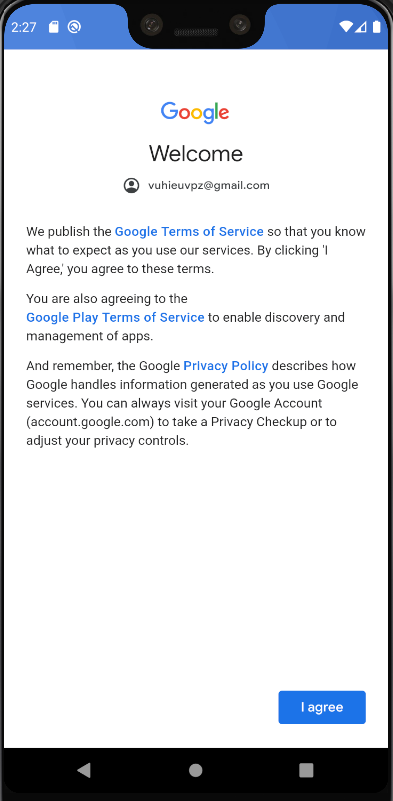
##### Step 4: Enter your email



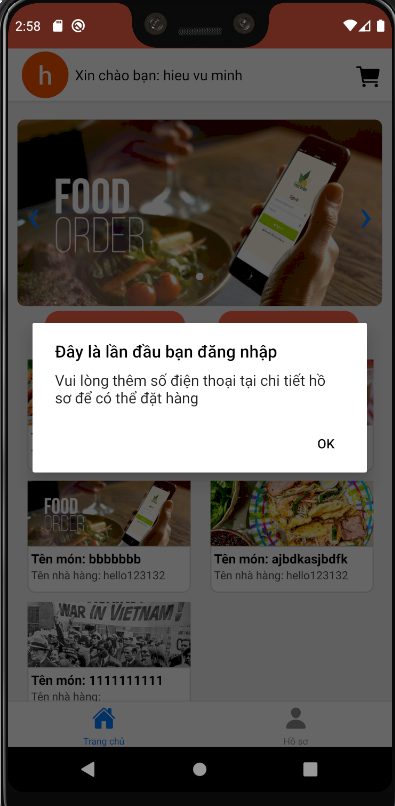
##### Step 5: Enter your password and click next



##### Step 6: Click I agree

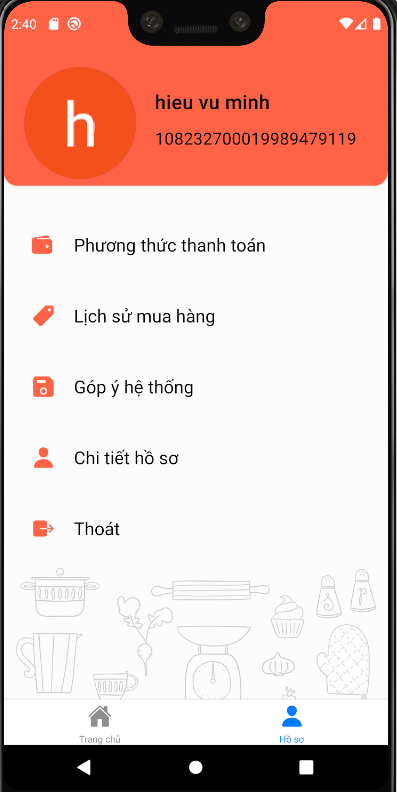


##### Step 7: Click ok

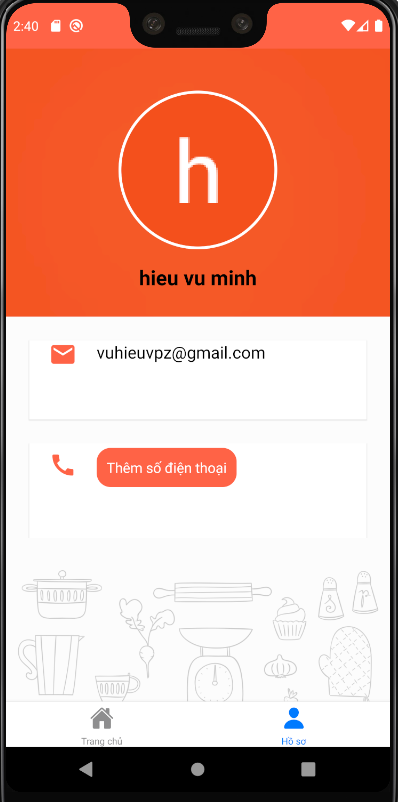


#### 3.1.3 Add phone and verify account

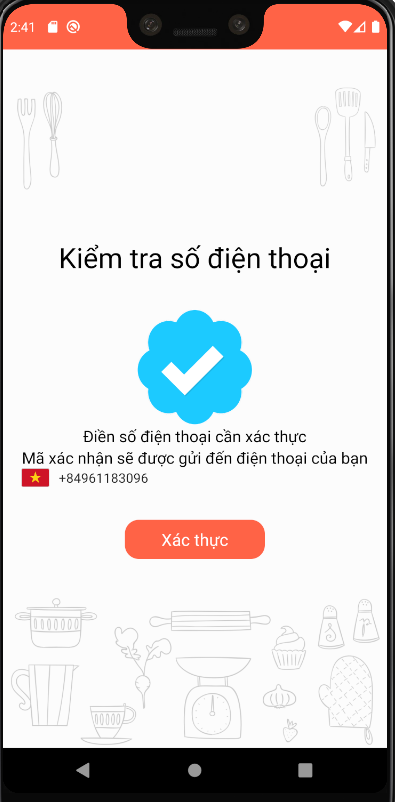
##### Step 1: Switch to “Hồ sơ” tab and click on “Chi tiết hồ sơ”



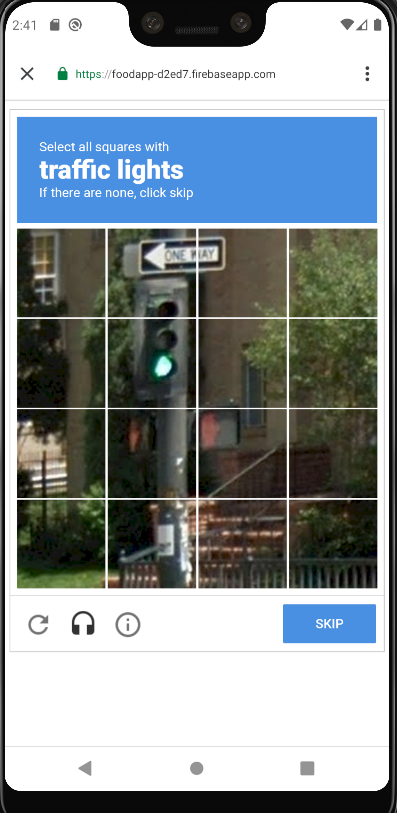
##### Step 2: Click on Thêm số điện thoại



##### Step 3: Enter your phone number and click on Xác thực



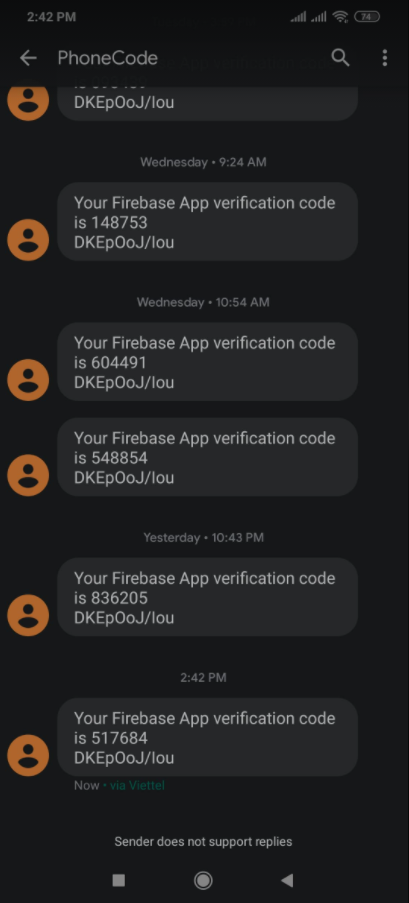
##### Step 4: Solves the puzzle by google



##### Step 5: Enter your code on your phone



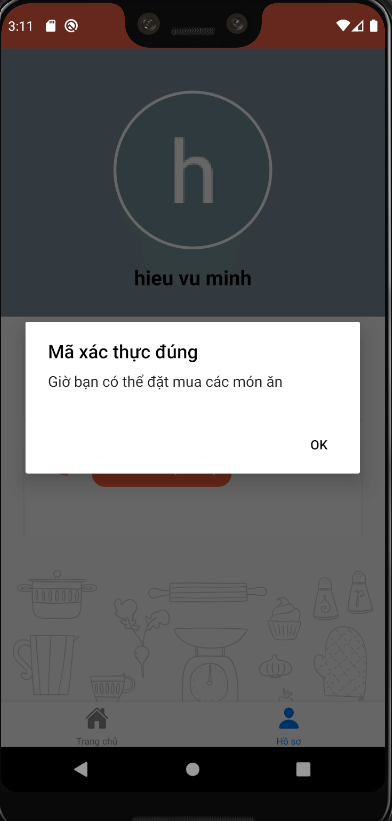
##### Step 6: You can see your code in message at your phone



##### Step 7: Enter correct code and click xác thực



##### Step 8: There will be a pop up if the code you input is corrected



#### 3.1.4 Order food

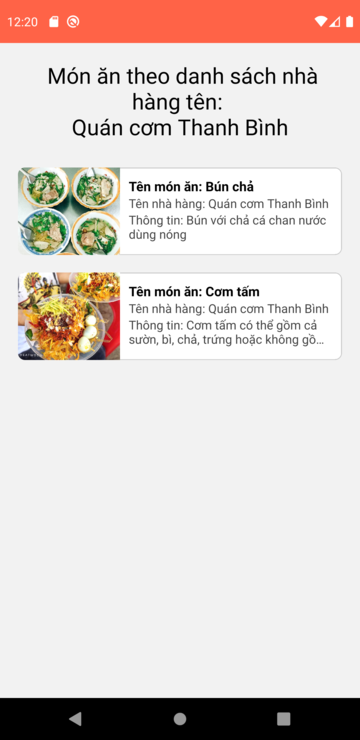
##### Step 1: Switch to trang chủ tab



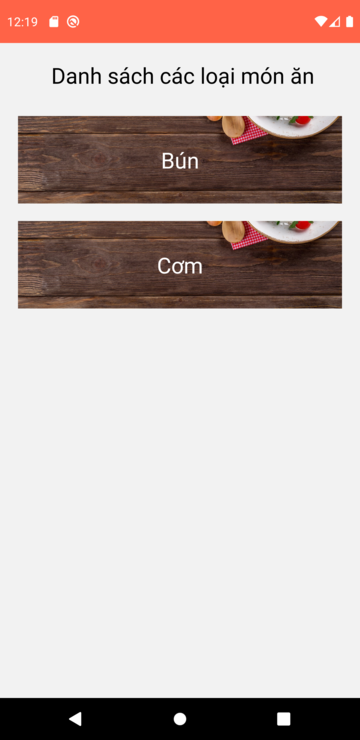
###### Step 1.1 Click on món theo nhà hàng



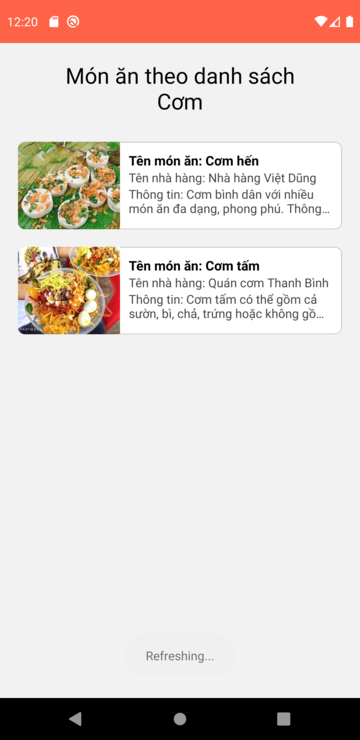
*Step 1.1.1 Show list of món theo danh sách nhà hàng and click on item*



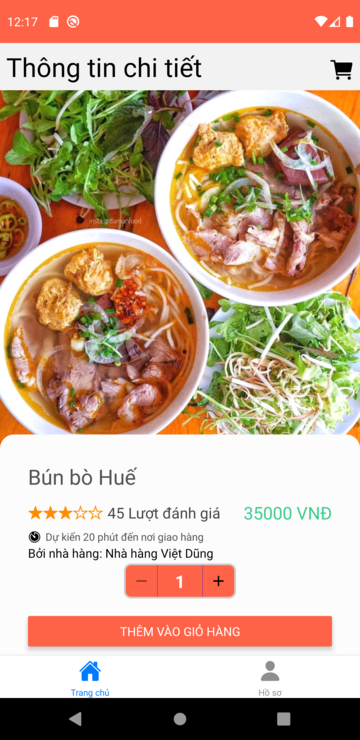
###### Step 1.2 Click on món theo loại món ăn



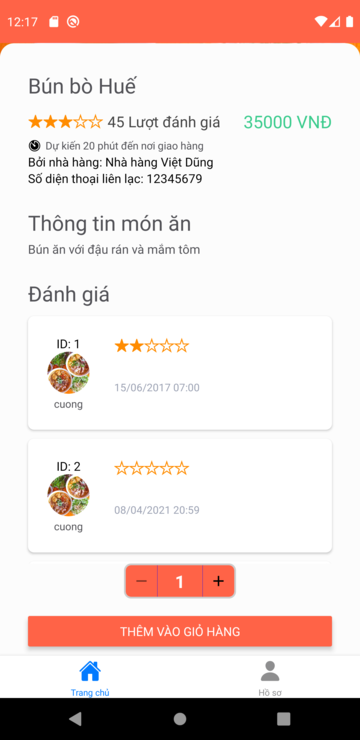
*Step 1.2.1: Show list of món theo danh sách cơm and click on item*



##### Step 2: Information about food is displayed

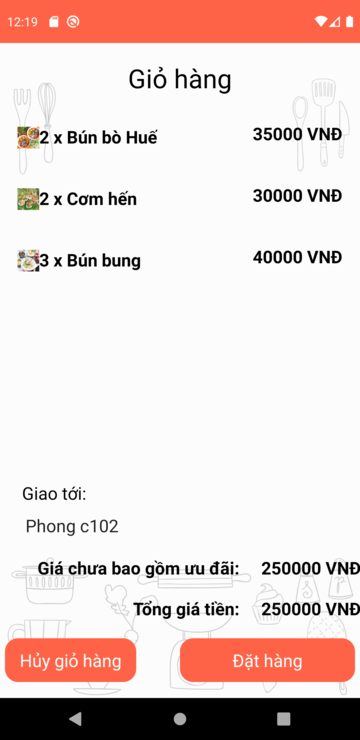


##### Step 3: You can check review of user already ordered food



##### Step 4: Click + to increase quantity then click Thêm vào giỏ hàng then click okC:\Users\hieuv\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Screenshot_1619444704.png

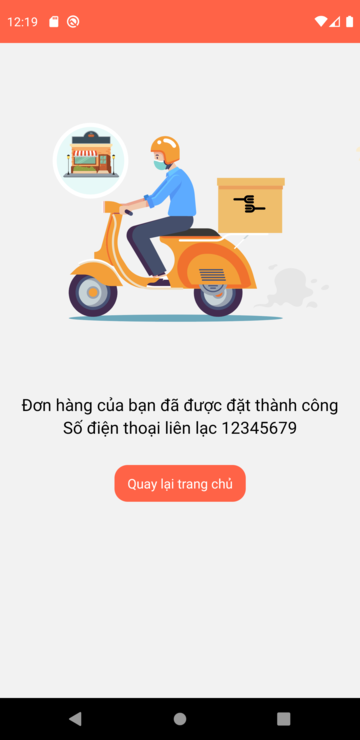
##### Step 5 Cart is displayed



###### Step 5.1 Click on Hủy giỏ hàng to cancel order

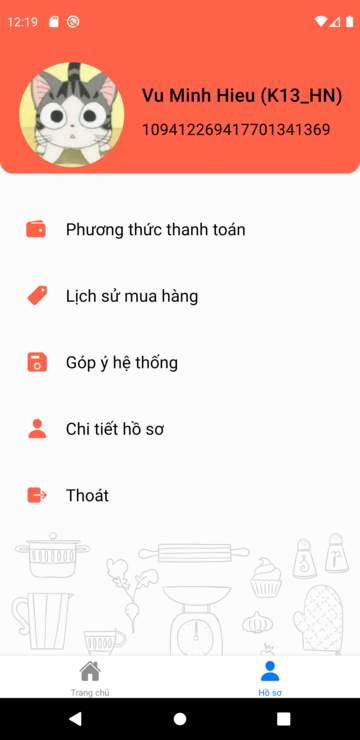


###### Step 5.2 If user click on Đặt hàng. Success screen is displayed



#### 3.1.5 Order history and review

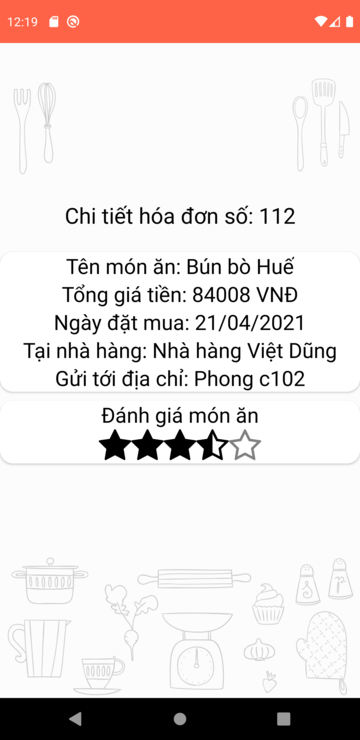
##### Step 1: Switch to Hồ sơ tab and click on Lịch sử mua hàng



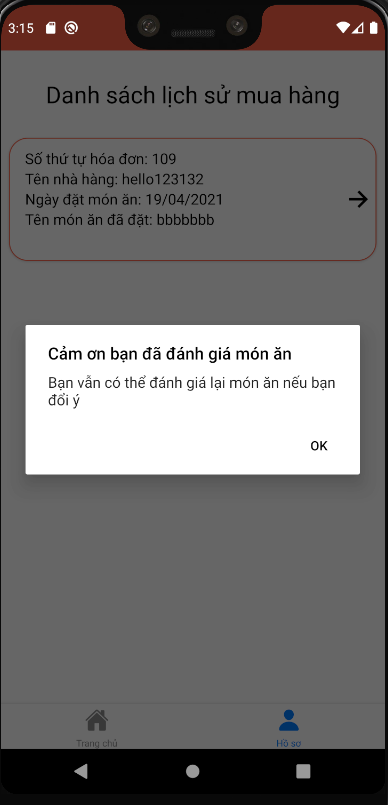
##### Step 2: A list of history order is displayed. Click on 1 item



##### Step 3: A detail order screen is displayed. You can click on star to review that food item

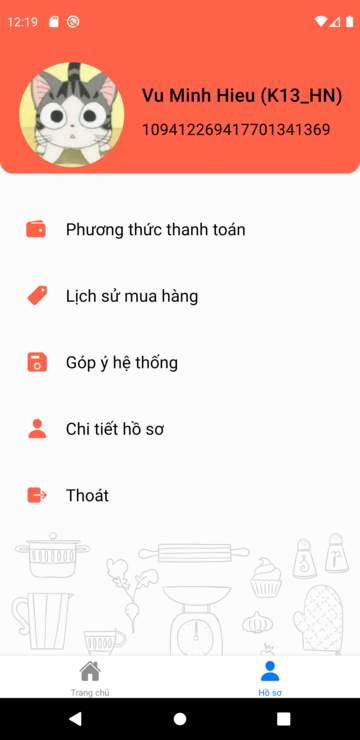


##### Step 4: Click ok to close pop up

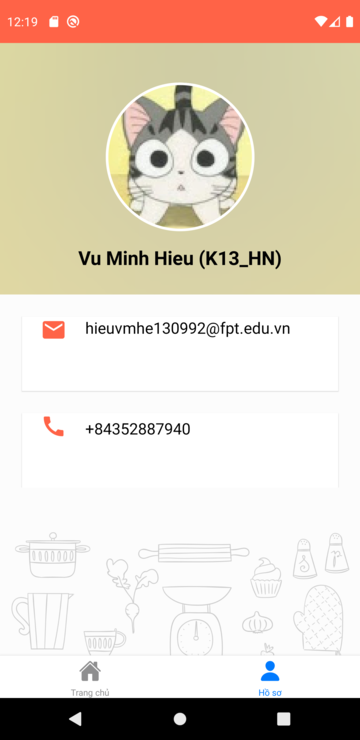


#### 3.1.6 User profile

##### Step 1: Switch to hồ sơ tab and click on Chi tiết hồ sơ

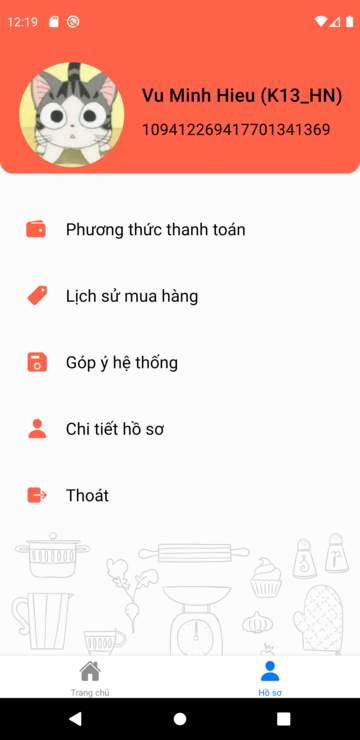


##### Step 2: Detail profile is displayed

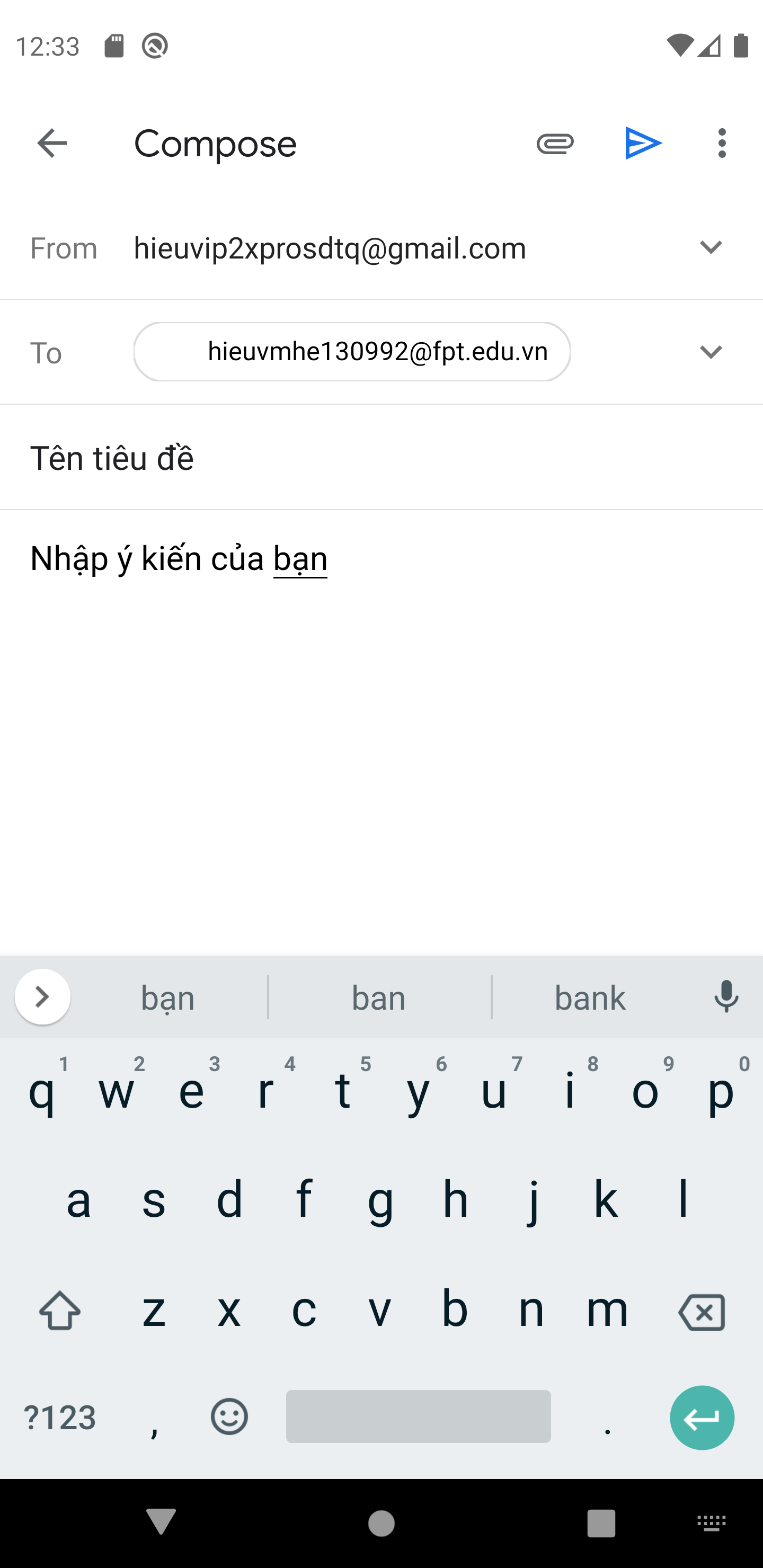


#### 3.1.7 Send feedback

##### Step 1: Switch to Hồ sơ tab and click on Góp ý hệ thống



##### Step 2 : Enter your subject and body and click send at the top right



### 3.4 Troubleshooting

*[Descript some common troubles while using application.]*