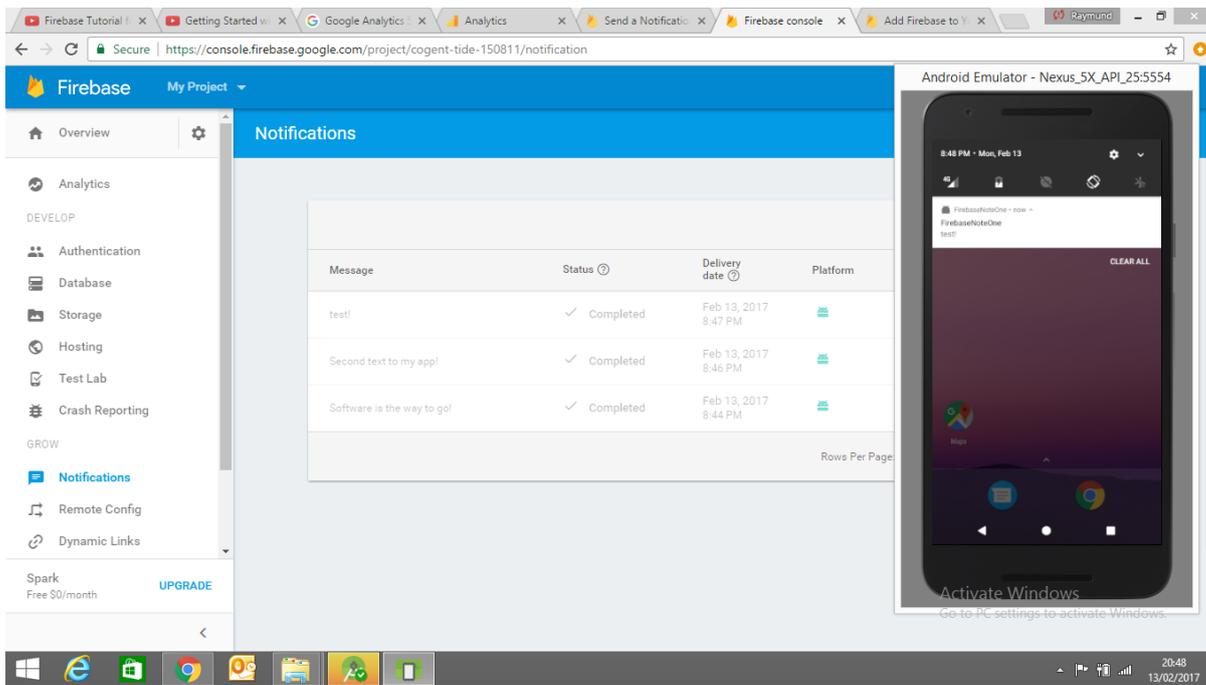


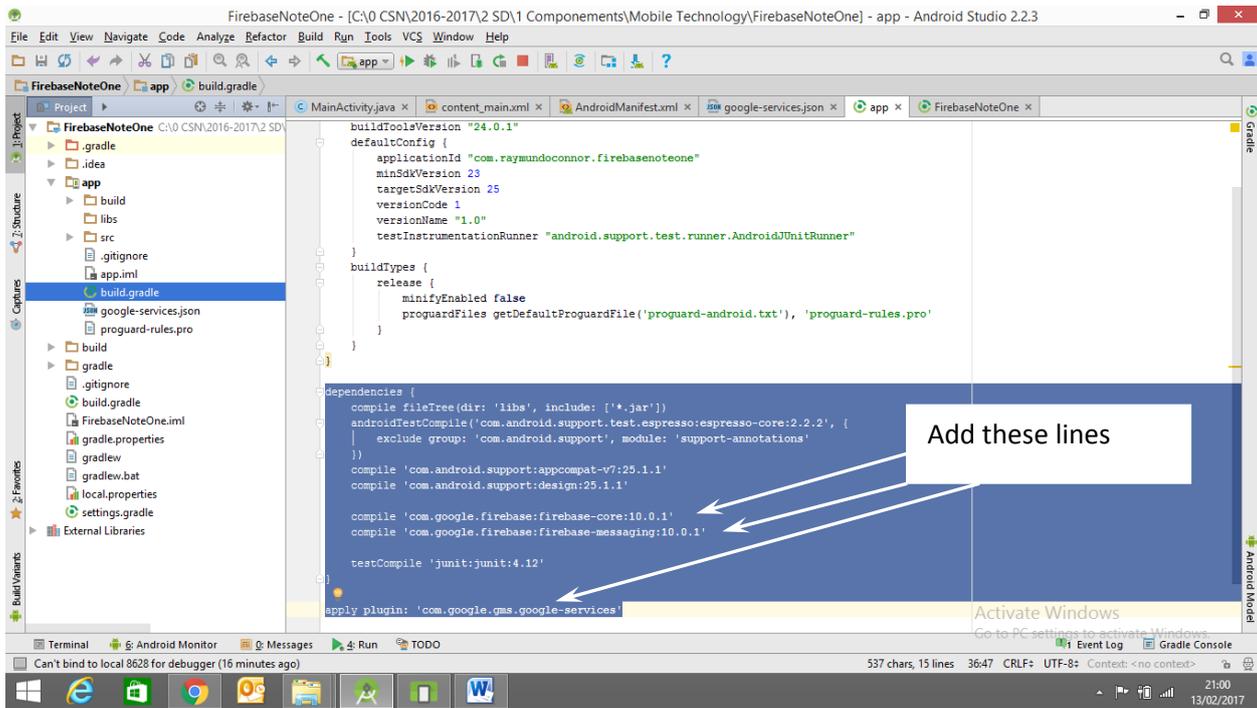
Firestore Notifications



- Step 1 Create an Android app in Android Studio (copy package name from manifest.xml)
- Step 2 Log into Firebase console and paste package name once new app is created in Firebsae
- Step 3 Download, copy and paste google-services.json file into app folder
- Step 4 Insert code as shown in following screenshots and send message from console (app should run in background)



App Module build.gradle



```
dependencies {
    compile fileTree(dir: 'libs', include: ['*.jar'])
    androidTestCompile('com.android.support.test.espresso:espresso-core:2.2.2', {
        exclude group: 'com.android.support', module: 'support-annotations'
    })
    compile 'com.android.support:appcompat-v7:25.1.1'
    compile 'com.android.support:design:25.1.1'

    compile 'com.google.firebase:firebase-core:10.0.1'
    compile 'com.google.firebase:firebase-messaging:10.0.1'

    testCompile 'junit:junit:4.12'
}

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

Project build.gradle

The screenshot displays the Android Studio interface with the following details:

- Project Structure:** The left sidebar shows the project hierarchy for 'FirebaseNoteOne', including folders for '.gradle', '.idea', 'app', 'build', 'libs', 'src', and files like 'app.iml', 'build.gradle', 'google-services.json', and 'proguard-rules.pro'.
- Code Editor:** The main window shows the 'build.gradle' file with the following content:

```
// Top-level build file where you can add configuration options common to all sub-projects/modules.

buildscript {
    repositories {
        jcenter()
    }
}

dependencies {
    classpath 'com.android.tools.build:gradle:2.2.3'
    classpath 'com.google.gms:google-services:3.0.0'
    // NOTE: Do not place your application dependencies here; they belong
    // in the individual module build.gradle files
}

allprojects {
    repositories {
        jcenter()
    }
}

task clean(type: Delete) {
    delete rootProject.buildDir
}
```
- Annotations:** A black arrow points to the line `classpath 'com.google.gms:google-services:3.0.0'` in the dependencies block.
- System Elements:** The bottom of the screen shows the Windows taskbar with the time 9:57, date 13/02/2017, and system tray icons. A watermark for 'Activate Windows' is visible in the bottom right corner.