Integration Steps for Native Android Application with Netcore SDK for FCM

(https://github.com/NetcoreSolutions/Smartech-Android-FCM-SDK)

Prerequisites:-

1: Get **google-services.json** file and **FCM Server Key** from **Firebase Developer console**

2: Get **App Id** and **Smartech FCM SDK** from **Smartech Panel**

For FCM Setup in Application:

1. **Add google-services.json file in app directory of project**
2. **Add below code in dependencies of buildscript in project build.gradle**

    classpath **'com.google.gms:google-services:3.0.0'**

3. **Add below code at last line in app's build.gradle**

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

For Integrate SDK:

(supported android minsdkversion 15 or more (i.e. next version of ice cream sandwich))

1. Add below code in dependencies below code:(not in child dependencies)

    compile 'in.netcore.smartechfcm:smartech-fcm:1.0.5'
    compile 'com.google.firebase:firebase-messaging:11.6.0'

For Push Notification as well as inbuilt activities:

1. **Paste below code in launcher Activity in method onCreate** (above the super.onCreate.line)

NetcoreSDK.*register*(getApplication(),"**\<App ID\>**", "**\<identity\>**");

Note: **Identity** must be **""(blank)** or **Primary key** which defined **on smartech Panel**

For Login Activity add below code for login activity to make user Identified:

NetcoreSDK.login(context, "\<identity\>");

For Logout Activity add below code for logout activity:

NetcoreSDK.logout(context, "\<identity\>");

For custom Activity tracking add below code for every activity:

NetcoreSDK.*track*(context, "*\<identity\>*", *\<eventId\>*, payload);

Note: **Activity tracking code** can be generated **from Smartech panel**

For Profile Update, Follow Below code

```
JSONObject newProfile = new JSONObject();
try {
        newProfile.put( "NAME", "Developer" );
        newProfile.put( "AGE", 25 );
        newProfile.put( "MOBILE", "1234567890" );
        NetcoreSDK.profile(this, "<identity>", newprofile);
}
catch ( JSONException e ) {
        e.printStackTrace();
}
```

Note: **attribute** name must be in **Capital**.