Integration Steps for Cordova Android Application with Netcore SDK for FCM

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

Before performing Application changes, prerequisites are as follow:-

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

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

For Integrate SDK:

Step 1: Add Netcore SDK (i.e. SmartechFCMSDK.aar file) in platforms/android/libs/ directory

Step 2: Add google-services.json file in platforms/android/ directory

Step 3: Follow below Instructions to modify platforms/android/build.gradle file

1. **Add below code in dependencies of buildscript   (avoid if already added)**

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

2. **Add below code in last line fo build.gradle   (Avoid if already added)**

   ```
   Repositories{
     flatDir { dirs 'libs' }
   }
   apply plugin: 'com.google.gms.google-services'
   ```

3. **Add in dependencies** (not in child dependencies) below code:

   ```
   compile(name:'SmartechFCMSDK', ext:'aar')
   compile 'com.google.code.gson:gson:2.8.0'
   compile 'com.google.firebase:firebase-messaging:9.6.0'
   ```

Step 4: Add plugin to Your cordova application by below command

cordova plugin add https://github.com/NetcoreSolutions/Smartech-Cordova-Android-FCM-Plugin.git

For Push Notification and Launch Activity
Add below js code into index.js file in onDeviceReady function

```
var data = {};
data["eventId"] = "25";                 // To get token from FCM
data["identity"] = "<Login identity>";       // provide "" or primary key defined on smartech panel
data["applicationId"] = "<ApplicationId>"; // provide AppId which you get from Smartech panel
smartech.track(data);
```

For Activity Tracking:

Add below js code for track activity where activity performed:

```
var data = {};
data["eventId"] = "<EventId>";     // compulsory field
smartech.track(data);
```

Note:

For Event Id: EventId is mandatory field to track Activity (get from Smartech Panel).

For profile update, login and logout, eventId must be 0, 22 and 23 respectively

For identity : pass identity in data with key "identity" if identity is present

For payload : pass payload in data with key "payload" if payload is required

Format of payload : Payload must be in below format as a Json object containing array of json Objects

```
'{"payload":[{"s^name":"Nexus 5","i^prid":2,"s^price":"15000 Rs.","i^prqt":1}]}
```

For profile : pass profile details in data with key "profile" if profile build event called

Format of profile : profile must be in below format as a Json object with key must be in Capital.

```
{"NAME":"Developer","MOBILE":7894561231,"CITY":"Mumbai","AGE":25}
```