**CleverTap Android SDK Integration**

* To add CleverTap functionality we need to add CleverTap SDK in Android Application. It will be a Client Android application.
* So I have added all the required dependencies in **build.grandle** and created a firebase project in console, and downloaded **a google-services.json** and added in android app.
* Added required permission and login details in **AndroidManifest.xml** file.
* And initialized ClevertTap SDK in **CtSDKApp.java** Activity. Once you add CleverTap SDK it will create user profile for every person who launched the android application.
* In the Application I have added Splash Screen for logo.
* I have added to fields Name and email Address, and Login and Crate Event Button.
* On Login button I’m taking user entered field data and calling **onUserLogin()** method passing these data in HashMap to add user Profile data in CleverTap.
* After Integrating Android CleverTap SDK it will capture default events like App Launch, App Installed, Notification Sent, Notification Clicked, Notification viewed etc.
* Also we can add custom event as well by using **pushEvent()** method. And here we can properties to to custom event.
* So I have called pushEvent method on Create Event Button and passed a custom event to CleverTap.