**Server Side**

Sign in to FCM console and get the server key from there [inside project setting > cloud Messaging]

Select the legacy key

Open the POSTMAN and enter the “https://fcm.googleapis.com/fcm/send”

Enter the header for above url as

|  |  |
| --- | --- |
| key | values |
| Authorization | key=<server key> |
| Content-Type | application/json |

Now enter the body for above url as

{

"to" :<firebase registration token id>,

/\*when app is minimized then this (notification) json object will called\*/

"notification" : {

"body" : "Jul 30, 2018 - FCM notifications overview; Requirements; Start an app project ..... Android Firebase bindings will replace the with the ..",

"title" : "Portugal vs. Denmark",

"content\_available" : true,

"icon": "ic\_image\_vector",

"priority" : "high","sound":"default",

"vibrate": true,

"click\_action":"MAINACTIVITY"

},

/\*when app is in forground then this (data) json object will called\*/

"data" : {

"body" : "22221",

"title" : "Portugal vs. Denmark1",

"content\_available" : true,

"priority" : "high",

"icon": "ic\_launcher222","tag":"same","sound":"default",

"click\_action":"MAINACTIVITY"

}

}

Response :

{

"multicast\_id": 6384315785801774548,

"success": 1,

"failure": 0,

"canonical\_ids": 0,

"results": [

{

"message\_id": "0:1542186311586849%efc79d1defc79d1d"

}

]

}

**Android Side**

Create a android project on firebase console.

And add app to connect with firebase console to get tokenID from the firebase server.

Get the json file from the firebase server to android app folder.

**Code to get the token ID (on Successful FCM integration)**

FirebaseInstanceId.getInstance().getInstanceId().addOnCompleteListener(new OnCompleteListener<InstanceIdResult>() {

@Override

public void onComplete(@NonNull Task<InstanceIdResult> task) {

google\_token = task.getResult().getToken();

Log.d(TAG,"(D) result token id = "+task.getResult().getToken());

Log.d(TAG,"(V) result token id = "+google\_token);

MyConfiguration.setPreferences(getContext(),PROFILE\_GOOGLE\_TOKEN,google\_token);

task.getResult().getToken();

}

});

To redirect form FCM notification to app activity [other than Default activity] , mentioned the name to the activity inside the manifest file.