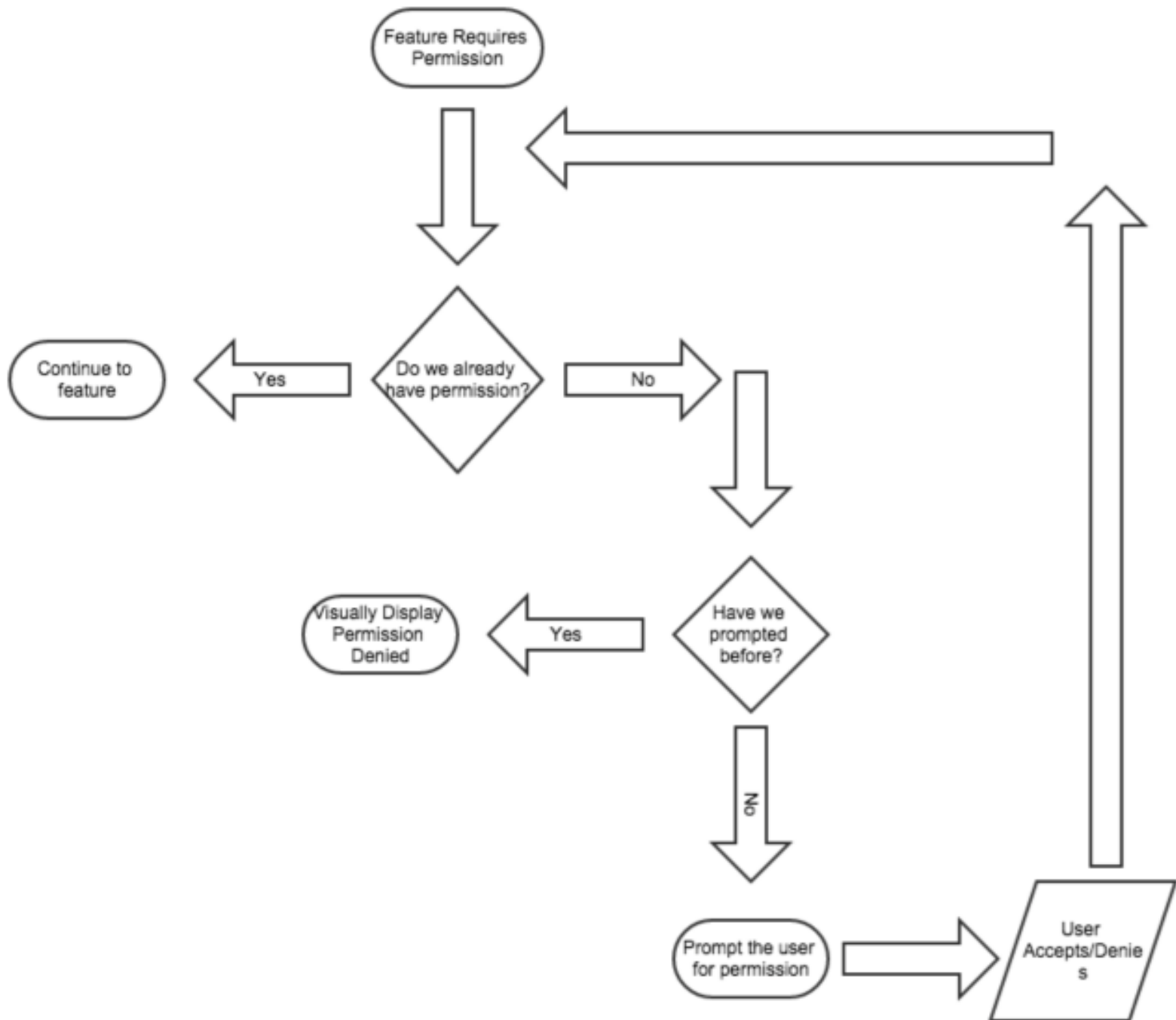


Android Permission For Marshmallow API \geq 23

Normal Permission

- `android.permission.INTERNET`



Dangerous Permissions	
Permission Group	Permission
android.permission-group.CALENDAR	<ul style="list-style-type: none"> • android.permission.READ_CALENDAR • android.permission.WRITE_CALENDAR
android.permission-group.CAMERA	<ul style="list-style-type: none"> • android.permission.CAMERA
android.permission-group.CONTACTS	<ul style="list-style-type: none"> • android.permission.READ_CONTACTS • android.permission.WRITE_CONTACTS • android.permission.READ_PROFILE • android.permission.WRITE_PROFILE
android.permission-group.LOCATION	<ul style="list-style-type: none"> • android.permission.ACCESS_FINE_LOCATION • android.permission.ACCESS_COARSE_LOCATION
android.permission-group.MICROPHONE	<ul style="list-style-type: none"> • android.permission.RECORD_AUDIO
android.permission-group.PHONE	<ul style="list-style-type: none"> • android.permission.READ_PHONE_STATE • android.permission.CALL_PHONE • android.permission.READ_CALL_LOG • android.permission.WRITE_CALL_LOG • com.android.voicemail.permission.ADD_VOICEMAIL • android.permission.USE_SIP • android.permission.PROCESS_OUTGOING_CALLS
android.permission-group.SENSORS	<ul style="list-style-type: none"> • android.permission.BODY_SENSORS • android.permission.USE_FINGERPRINT
android.permission-group.SMS	<ul style="list-style-type: none"> • android.permission.SEND_SMS • android.permission.RECEIVE_SMS • android.permission.READ_SMS • android.permission.RECEIVE_WAP_PUSH • android.permission.RECEIVE_MMS • android.permission.READ_CELL_BROADCASTS
android.permission-group.STORAGE	<ul style="list-style-type: none"> • android.permission.READ_EXTERNAL_STORAGE • android.permission.WRITE_EXTERNAL_STORAGE

Example

CAMERA and RECORD_AUDIO permissions

- Note that in this scenario above both the audio and camera permissions are of different groups and will prompt the user with two different permission dialogs to accept or decline.

MyPermission2

BUTTON

```
<Button
    android:id="@+id/button"
    android:layout_width="368dp"
    android:layout_height="wrap_content"
    android:text="Button"
    tools:layout_editor_absoluteX="8dp"
    tools:layout_editor_absoluteY="0dp"
    android:onClick="Permission"/>
```

```
String[] perms = {"android.permission.RECORD_AUDIO", "android.permission.CAMERA"};
```

```
int permsRequestCode = 200;
```

```
public void Permission(View v){
```

```
    boolean result=true;
```

```
    for(String p:perms)
```

```
        if(isAllowed(p)){
```

```
            Toast.makeText(MainActivity.this,p+" icin Zaten iznin var",Toast.LENGTH_LONG).show();
```

```
        }
```

```
        else{
```

```
            Toast.makeText(MainActivity.this,p+" icin iznin YOK",Toast.LENGTH_LONG).show();
```

```
            result=false;
```

```
        }
```

```
    if(result==false)
```

```
        //IZIN ISMETE ZAMANI
```

```
        requestPermission(perms);
```

```
}
```

```

private boolean isAllowed(String p) {
    //iznin Durumunu Ogreniyruz
    int result = ContextCompat.checkSelfPermission (this, p);

    //Izin versa TRUE dondur
    if (result == PackageManager.PERMISSION_GRANTED)
        return true;

    //DEgilse False
    return false;
}

private void requestPermission(String[] p){
    for(String per:p)
        if (ActivityCompat.shouldShowRequestPermissionRationale(this,per)){
            Toast.makeText(this,"You have denied but I need",Toast.LENGTH_LONG).show();
        }

    //ASIL IZIN ISTEME KISMI
    ActivityCompat.requestPermissions(this,p,permsRequestCode);
}

@Override
public void onRequestPermissionsResult(int permsRequestCode, String[] permissions, int[] grantResults){
    switch(permsRequestCode){

        case 200:

            boolean audioAccepted = grantResults[0]== PackageManager.PERMISSION_GRANTED;
            boolean cameraAccepted = grantResults[1]==PackageManager.PERMISSION_GRANTED;

            break;

    }
}
}

```