

BRICS

## MOBILE APPLICATION DEVELOPMENT

NAME: MEENAASHI S

ROLL NO: 7376212IT179

DEPT: INFORMATION TECHNOLOGY



## Log in

LOG IN



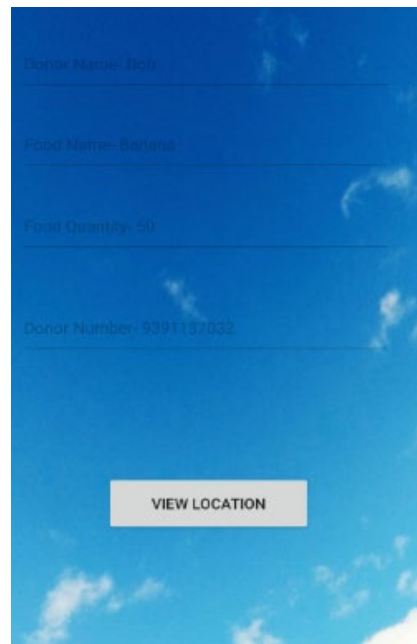
Your name

Food name

Food quantity

Contact number

DONATE



```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/blood1"
    tools:context=".MainActivity">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/login"
        android:text="LOGIN"
        android:textColor="@color/white"
        android:textSize="35dp"
        android:layout_margin="50dp"
```

```
        android:gravity="center"
        android:textStyle="bold"/>
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/name"
        android:layout_below="@+id/login"
        android:background="#30ffffff"
        android:hint="NAME"
        android:textColorHint="@color/white"
        android:textColor="@color/white"
        android:layout_margin="10dp"
        android:padding="15dp"/>
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/age"
        android:layout_below="@+id/name"
        android:background="#30ffffff"
        android:hint="ADDRESS"
        android:textColorHint="@color/white"
        android:textColor="@color/white"
        android:layout_margin="10dp"
        android:padding="15dp"/>
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/bloodgroup"
        android:layout_below="@+id/age"
        android:background="#30ffffff"
        android:hint="QUANTITY"
```

```

        android:textColorHint="@color/white"
        android:textColor="@color/white"
        android:layout_margin="10dp"
        android:padding="15dp"/>
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/address"
        android:layout_below="@+id/bloodgroup"
        android:background="#30ffffff"
        android:hint="PHONE NUMBER"
        android:textColorHint="@color/white"
        android:textColor="@color/white"
        android:layout_margin="10dp"
        android:padding="15dp"/>
    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/signin"
        android:layout_below="@+id/address"
        android:text="SIGNIN"
        android:onClick="OpenMain2"
        android:layout_centerHorizontal="true"
        android:layout_margin="20dp"/>

```

</RelativeLayout>

Background 1.xml:

```

<?xml version="1.0" encoding="utf-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
    <item>
        <shape>

```

```
<gradient
android:angle="225"
android:startColor="#1d3557"
android:endColor="#e63946"/>
</shape>
</item>
</selector>
```

Background2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
<item>
<shape>
<gradient
android:angle="225"
android:startColor="#1774F8"
android:endColor="#e63946"/>
</shape>
</item>
</selector>
```

Drawable resource file:

```
<?xml version="1.0" encoding="utf-8"?>
<animation-list xmlns:android="http://schemas.android.com/apk/res/android">
<item
android:drawable="@drawable/background"
android:duration="5000"/>
<item
android:drawable="@drawable/background_2"
android:duration="5000"/>
</animation-list>
```

```
<resources>
<string name="app_name">app notification</string>
```

```
<string name="linktosite">
<a href="https://en.wikipe
dia.org/wiki/Food">FOOD</a>
</string>
</resources>
```

MainActivity:

```
package com.example.appnotification;

import androidx.appcompat.app.AppCompatActivity;
import androidx.constraintlayout.widget.ConstraintLayout;
import android.content.Intent;
import android.graphics.drawable.AnimationDrawable;
import android.os.Bundle;

import android.view.View;
import android.view.animation.Animation;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    Button b1;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        LinearLayout linearLayout = findViewById(R.id.mainLayout);
        AnimationDrawable animationDrawable = (AnimationDrawable)
        linearLayout.getBackground();

        animationDrawable.setEnterFadeDuration(2500);
        animationDrawable.setExitFadeDuration(5000);
        animationDrawable.start();

        b1=(Button)findViewById(R.id.btn);
        b1.setOnClickListener(new View.OnClickListener() {
```

```
@Override  
public void onClick(View view) {  
    Intent intent = new Intent(MainActivity.this,  
  
    MainActivity2.class);
```

```
    startActivity(intent);  
    finish();  
}  
});  
}  
}
```

MainActivity2:

```
package com.example.appnotification;  
import android.app.NotificationChannel;  
import android.app.NotificationManager;  
import android.app.PendingIntent;  
import android.content.Intent;  
import android.graphics.drawable.AnimationDrawable;  
import android.os.Build;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
import android.widget.LinearLayout;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.app.NotificationCompat;  
import com.google.firebase.auth.FirebaseAuth;  
public class MainActivity2 extends AppCompatActivity {
```



```

private static final String CHANNEL_ID = "Tamil";

private Button btn;

@Override

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main2);
    btn = findViewById(R.id.btne);
    createNotificationChannel();
    addNotification();
    btn.setOnClickListener(view -> {
        startActivity(new Intent(MainActivity2.this, MainActivity3.class));
        finish();
    });
}

private void addNotification() {
    NotificationCompat.Builder builder =
    new NotificationCompat.Builder(this, CHANNEL_ID)
    .setSmallIcon(R.drawable.we) //set icon for notification
    .setContentTitle("Notifications Example") //set title

of notification

    .setContentText("WELCOME TO foodies")//this is

notification message

    .setAutoCancel(true) // makes auto cancel of

notification

    .setPriority(NotificationCompat.PRIORITY_DEFAULT);

```

```
//set priority of notification
```

```
Intent notificationIntent = new Intent(this, MainActivity2.class);  
notificationIntent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);  
//notification message will get at NotificationView  
notificationIntent.putExtra("message", "This is a notification  
message");
```

```
PendingIntent pendingIntent = PendingIntent.getActivity(this, 0,  
notificationIntent,
```

```
PendingIntent.FLAG_MUTABLE);  
builder.setContentIntent(pendingIntent);
```

```
// Add as notification
```

```
NotificationManager manager = (NotificationManager)  
getSystemService(NOTIFICATION_SERVICE);  
manager.notify(0, builder.build());  
}
```

```
private void createNotificationChannel() {
```

```
// Create the NotificationChannel, but only on API 26+ because
```

```
// the NotificationChannel class is new and not in the support library
```

```
if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.O) {
```

```
CharSequence name = "Thamil";
```

```
String description = "Sample";
```

```
int importance = NotificationManager.IMPORTANCE_DEFAULT;
```

```
NotificationChannel channel = new NotificationChannel(CHANNEL_ID,
```

```
name, importance);
```

```
channel.setDescription(description);
```

```
// Register the channel with the system; you can't change the
```

importance

// or other notification behaviors after this

```
NotificationManager notificationManager =  
getSystemService(NotificationManager.class);
```

```
notificationManager.createNotificationChannel(channel);
```

```
}
```

```
}
```

```
}
```