Submitted By: JOMIN K MATHEW

20MCA321

Mobile Application Development Lab Exam

Implement option menu, which contains option like settings,share,gallery,contacts navigate to gallery activity which display list of images in grid view and shows an alert vbox with a message "Do you wnat to delete this message: on selection.

MainActivity.java

```java
package com.example.admin.myapplication;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.content.Intent;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        MenuInflater inflater = getMenuInflater();
        inflater.inflate(R.menu.optionmenu, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case R.id.i1:
                Intent i1 = new
Intent(getApplicationContext(),Main2Activity.class);
                startActivity(i1);
                return true;
            case R.id.si:
                Intent si = new
Intent(getApplicationContext(),Main3Activity.class);
                startActivity(si);
                return true;
            default:
                return super.onOptionsItemSelected(item);
        }
    }
}
```

MainActivity2.java

```java
package com.example.admin.myapplication;
```

```java
import android.support.v7.app.AlertDialog;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;

public class Main2Activity extends AppCompatActivity {
    AlertDialog.Builder builder;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        builder = new AlertDialog.Builder(this);
    }
  public void onclick(View view){
        AlertDialog alert = builder.create();
        alert.setTitle("Do you want to delete this image");
        alert.show();
    }
}
```

activitymain.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
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"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Welcome Home"
        android:textSize="36sp"
        android:textStyle="bold|italic"
        app:fontFamily="@font/cantata_one"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</android.support.constraint.ConstraintLayout>
```

optionmenu.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:android="http://schemas.android.com/apk/res/android">

    <item android:title="settings" />
    <item android:title="share" />
    <item
        android:id="@+id/i1"
        android:title="gallery"
        app:showAsAction="never" />
```

```xml
    <item android:title="contacts" />
</menu>
```

outputs:

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