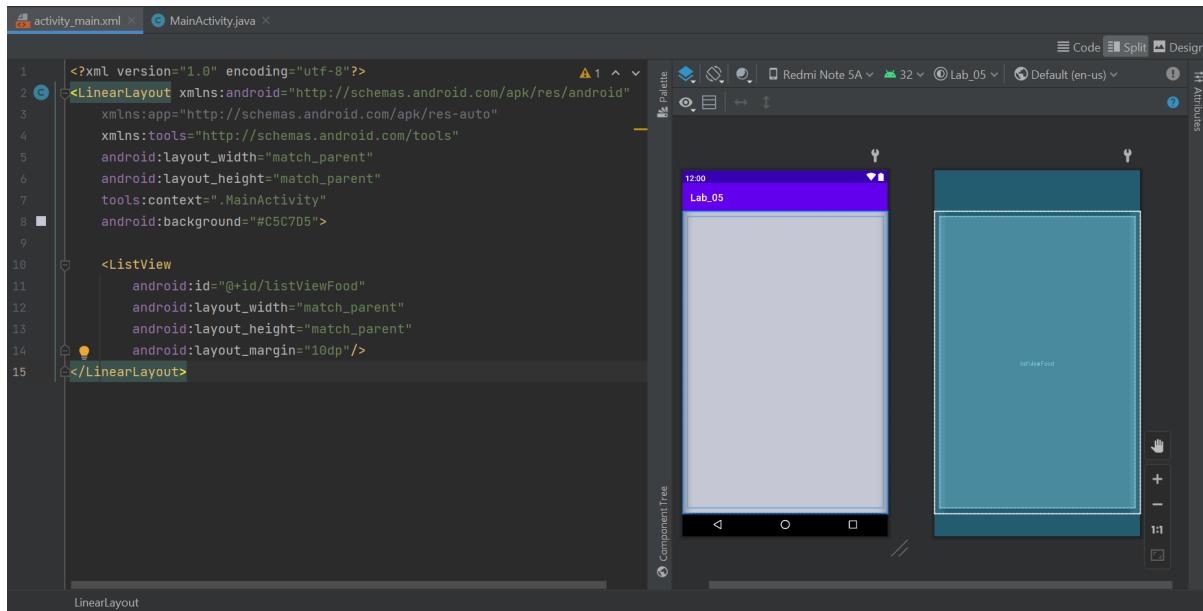


MainActivity.java

```
activity_main.xml x MainActivity.java x
 3 import ...
22
23 public class MainActivity extends AppCompatActivity {
24     public static Database database;
25     ListView lvFood;
26     ArrayList<Food> arrayFood;
27     FoodAdapter adapter;
28
29     @Override
30     protected void onCreate(Bundle savedInstanceState) {
31         super.onCreate(savedInstanceState);
32         setContentView(R.layout.activity_main);
33
34         lvFood = (ListView) findViewById(R.id.listViewFood);
35         arrayFood = new ArrayList<>();
36
37         adapter = new FoodAdapter(context: this, R.layout.list_food, arrayFood);
38         lvFood.setAdapter(adapter);
39
40         //Database
41         database = new Database(context: this, name: "DB_Food.sqlite", factory: null, version: 1);
42         database.QueryData(sql: "CREATE TABLE IF NOT EXISTS "
43             + "FoodList(Id INTEGER PRIMARY KEY AUTOINCREMENT,Food VARCHAR(250),Name VARCHAR(250), Price VARCHAR(100), Image BLOB)");
44         GetDataFood();
45     }
46
47     private void GetDataFood() {
48
49         private void GetDataFood() {
50             //Get Data
51             arrayFood.clear();
52             Cursor cursor = database.GetData(sql: "SELECT * FROM FoodList");
53             while (cursor.moveToFirst()){
54                 arrayFood.add(new Food(
55                     cursor.getInt( 0),
56                     cursor.getString( 1),
57                     cursor.getString( 2),
58                     cursor.getString( 3),
59                     cursor.getBlob( 4)
60                 ));
61             }
62             adapter.notifyDataSetChanged();
63
64             //Edit Item Food
65             public void DialogEditItem(int id, String food, String name, String price, byte[] image) {
66                 Dialog dialog = new Dialog(context: this);
67                 dialog.setContentView(R.layout.dialog_edit_food);
68
69                 EditText editTextFood = (EditText) dialog.findViewById(R.id.txtFood_edit);
70                 EditText editTextName = (EditText) dialog.findViewById(R.id.txtName_edit);
71                 EditText editTextPrice = (EditText) dialog.findViewById(R.id.txtPrice_edit);
72                 ImageView editImgFood = (ImageView) dialog.findViewById(R.id.imgFood_edit);
73                 Button btnEdit = (Button) dialog.findViewById(R.id.btn_edit);
74                 Button btnCancelEdit = (Button) dialog.findViewById(R.id.btnCancel_edit);
75
76                 //Change byte -> bitmap
77                 Bitmap bitmap = BitmapFactory.decodeByteArray(image, offset: 0,image.length);
78
79                 //Display Unedited Text And Images
80                 editImgFood.setImageBitmap(bitmap);
81                 editTextFood.setText(food);
82                 editTextName.setText(name);
83                 editTextPrice.setText(price);
84
85                 //Button Cancel Edit Food
86                 btnCancelEdit.setOnClickListener(new View.OnClickListener() {
87                     @Override
88                     public void onClick(View view) { dialog.cancel(); }
89                 });
90
91             //Button Edit Food
92             btnEdit.setOnClickListener(new View.OnClickListener() {
93                 @Override
94                 public void onClick(View view) {
95                     String newFood = editTextFood.getText().toString().trim();
96                     String newName = editTextName.getText().toString().trim();
97                     String newPrice = editTextPrice.getText().toString().trim();
98
99                     database.QueryData(sql: "UPDATE FoodList SET Food = '"+ newFood +"',Name = '"+ newName +"',Price = '"+ newPrice +"'" WHERE Id = "
00                     Toast.makeText(context: MainActivity.this, text: "Successfully Updated!", Toast.LENGTH_SHORT).show();
01                 }
02             });
03         }
04     }
05 }
```

```
100         database.QueryData( sql: "UPDATE FoodList SET Food = '"+ newFood +"',Name = '"+ newName +"',Price = '"+ newPrice +"'" );
101         Toast.makeText( context: MainActivity.this, text: "Successfully Updated!", Toast.LENGTH_SHORT).show();
102         dialog.dismiss();
103         GetDataFood();
104         //database.QueryData("DELETE FROM FoodList WHERE Id = 4");
105     });
106 };
107 }
108 }
109
110 //Delete Item Food
111 public void DialogDeleteItem(int id, String fdName){
112     Dialog dialog = new Dialog( context: this);
113     dialog.setContentView(R.layout.dialog_delete_food);
114
115     TextView txtDelete = (TextView) dialog.findViewById(R.id.txtDelete);
116     Button btnYes     = (Button) dialog.findViewById(R.id.btn_yes);
117     Button btnNo      = (Button) dialog.findViewById(R.id.btn_no);
118
119     txtDelete.setText("Do you want to delete this " + fdName + "?");
120
121     btnYes.setOnClickListener(new View.OnClickListener() {
122         @Override
123         public void onClick(View view) {
124             database.QueryData( sql: "DELETE FROM FoodList WHERE Id = '"+ id +"'" );
125             Toast.makeText( context: MainActivity.this, text: "Deleted " + fdName + " Successfully", Toast.LENGTH_SHORT).show();
126             dialog.dismiss();
127             GetDataFood();
128         }
129     });
130
131     btnNo.setOnClickListener(new View.OnClickListener() {
132         @Override
133         public void onClick(View view) {
134             Toast.makeText( context: MainActivity.this, text: "Cancel Delete!", Toast.LENGTH_SHORT).show();
135             dialog.cancel();
136         }
137     });
138
139     dialog.show();
140 }
141
142 @Override
143 public boolean onCreateOptionsMenu(Menu menu) {
144     getMenuInflater().inflate(R.menu.add_food, menu);
145     return super.onCreateOptionsMenu(menu);
146 }
147
148 @Override
149 public boolean onOptionsItemSelected(MenuItem item) {
150
151     if (item.getItemId() == R.id.menuAdd){
152         AddFood();
153     }
154     return super.onOptionsItemSelected(item);
155 }
156
157 private void AddFood(){
158     startActivity(new Intent( packageContext: MainActivity.this, add_food.class));
159 }
160 }
```



Datadase.java

```
Database.java
import ...

public class Database extends SQLiteOpenHelper {
    public Database(@Nullable Context context, @Nullable String name, @Nullable SQLiteDatabase.CursorFactory factory, int version) {
        super(context, name, factory, version);
    }

    public void QueryData(String sql){
        SQLiteDatabase database = getWritableDatabase();
        database.execSQL(sql);
    }

    public void INSERT_FOOD(String food, String name, String price, byte[] image){
        SQLiteDatabase database = getWritableDatabase();
        String sql = "INSERT INTO FoodList VALUES(null,?, ?, ?, ?)";
        SQLiteStatement statement = database.compileStatement(sql);
        statement.clearBindings();

        statement.bindString(1, food);
        statement.bindString(2, name);
        statement.bindString(3, price);
        statement.bindBlob(4, image);

        statement.executeInsert();
    }

    public Cursor GetData(String sql){
        public Cursor GetData(String sql){
            SQLiteDatabase database = getReadableDatabase();
            return database.rawQuery(sql, selectionArgs: null);
        }
    }

    @Override
    public void onCreate(SQLiteDatabase sqLiteDatabase) {
    }

    @Override
    public void onUpgrade(SQLiteDatabase sqLiteDatabase, int i, int i1) {
    }
}
```

Food.java(get and set)

```
Food.java
1  public class Food {
2      private int Id;
3      private String Food;
4      private String Name;
5      private String Price;
6      private byte[] Image;
7
8      public Food(int id, String food, String name, String price, byte[] image) {
9          Id = id;
10         Food = food;
11         Name = name;
12         Price = price;
13         Image = image;
14     }
15
16     public int getId() { return Id; }
17     public void setId(int id) { Id = id; }
18     public String getFood() { return Food; }
19     public void setFood(String food) { Food = food; }
20     public String getName() { return Name; }
21     public void setName(String name) { Name = name; }
22     public String getPrice() { return Price; }
23     public void setPrice(String price) { Price = price; }
24     public byte[] getImage() { return Image; }
25     public void setImage(byte[] image) { Image = image; }
26 }
```

FoodAdapter.java

```
FoodAdapter.java
1  import ...
2
3  public class FoodAdapter extends BaseAdapter {
4
5      private MainActivity context;
6      private int layout;
7      private List<Food> foodList;
8
9      public FoodAdapter(MainActivity context, int layout, List<Food> foodList) {
10         this.context = context;
11         this.layout = layout;
12         this.foodList = foodList;
13     }
14
15     @Override
16     public int getCount() { return foodList.size(); }
17
18     @Override
19     public Object getItem(int i) { return null; }
20
21     @Override
22     public long getItemId(int i) { return 0; }
23
24     private class ViewHolder{
25         TextView txtFood,txtName,txtPrice;
26         ImageView imgFood;
27         LinearLayout layout_food;
28     }
29 }
```

```
50     ImageButton imgBtnEdit, imgBtnDelete;
51 }
52
53     @Override
54     public View getView(int i, View view, ViewGroup viewGroup) {
55
56         ViewHolder holder;
57
58         if (view == null){
59             holder = new ViewHolder();
60             LayoutInflator inflater = (LayoutInflator) context.getSystemService(context.LAYOUT_INFLATER_SERVICE);
61             view = inflater.inflate(layout, root: null);
62             holder.txtFood    = (TextView) view.findViewById(R.id.food);
63             holder.txtName   = (TextView) view.findViewById(R.id.name);
64             holder.txtPrice  = (TextView) view.findViewById(R.id.price);
65             holder.imgFood   = (ImageView) view.findViewById(R.id.imgFood);
66             holder.imgBtnEdit = (ImageButton) view.findViewById(R.id.imgBtnEdit);
67             holder.imgBtnDelete = (ImageButton) view.findViewById(R.id.imgBtnDelete);
68             view.setTag(holder);
69         }else {
70             holder = (ViewHolder) view.getTag();
71         }
72
73         Food food = foodList.get(i);
74
75         holder.txtFood.setText(food.getFood());
76         holder.txtName.setText(food.getName());
77
78         holder.txtName.setText(food.getName());
79         holder.txtPrice.setText(formatNumberCurrency(food.getPrice()) + "đ");
80         //Change byte[] -> bitmap
81         byte[] image   = food.getImage();
82         Bitmap bitmap  = BitmapFactory.decodeByteArray(image, offset: 0,image.length);
83         holder.imgFood.setImageBitmap(bitmap);
84         holder.layout_food = (LinearLayout) view.findViewById(R.id.layout_item);
85
86         //Edit Item Food
87         holder.imgBtnEdit.setOnClickListener(new View.OnClickListener() {
88             @Override
89             public void onClick(View view) {
90                 context.DialogEditItem(food.getId(),food.getFood(),food.getName(),food.getPrice(),food.getImage());
91                 Toast.makeText(context, text:"Open Edit Food", Toast.LENGTH_SHORT).show();
92             }
93         });
94
95         //Delete Item Food
96         holder.imgBtnDelete.setOnClickListener(new View.OnClickListener() {
97             @Override
98             public void onClick(View view) {
99                 context.DialogDeleteItem(food.getId(),food.getName());
100            }
101        });
102
103        return view;
104    }
105
106    private static String formatNumberCurrency(String number){
107        DecimalFormat format = new DecimalFormat( pattern: "#,###");
108        return format.format(Double.parseDouble(number));
109    }
}
```

list_food.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:id="@+id/layout_item"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="center"
    android:padding="10dp">

    <ImageView
        android:id="@+id/imgFood"
        android:layout_width="120dp"
        android:layout_height="120dp"
        android:contentDescription="Food"
        android:scaleType="fitXY"
        android:src="@drawable/chicken" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginStart="20dp"
        android:orientation="vertical">

        <TextView
            android:id="@+id/food"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Food"
            android:textColor="#FF5722"
            android:textSize="20sp" />

        <TextView
            android:id="@+id/name"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Name"
            android:textColor="#78909C"
            android:textSize="20sp" />

        <TextView
            android:id="@+id/price"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Price"
            android:textColor="#43A047"
            android:textSize="20sp" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">

            <Space
                android:layout_width="95dp"
                android:layout_height="match_parent" />

            <ImageButton
                android:id="@+id/imgBtnEdit"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:background="#C34A4A"
                app:srcCompat="@android:drawable/ic_menu_edit" />

            <Space
                android:layout_width="5dp"
                android:layout_height="match_parent"
                />

            <ImageButton
                android:id="@+id/imgBtnDelete"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:background="#C34A4A"
                app:srcCompat="@android:drawable/ic_menu_delete" />

        </LinearLayout>
    </LinearLayout>
</LinearLayout>
```

Component Tree

Attributes

Code Split Design

Redmi Note 5A 32

Lab_05

12:00

list_food.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:id="@+id/layout_item"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="center"
    android:padding="10dp">

    <ImageView
        android:id="@+id/imgFood"
        android:layout_width="120dp"
        android:layout_height="120dp"
        android:contentDescription="Food"
        android:scaleType="fitXY"
        android:src="@drawable/chicken" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginStart="20dp"
        android:orientation="vertical">

        <TextView
            android:id="@+id/food"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Food"
            android:textColor="#FF5722"
            android:textSize="20sp" />

        <TextView
            android:id="@+id/name"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Name"
            android:textColor="#78909C"
            android:textSize="20sp" />

        <TextView
            android:id="@+id/price"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Price"
            android:textColor="#43A047"
            android:textSize="20sp" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">

            <Space
                android:layout_width="95dp"
                android:layout_height="match_parent" />

            <ImageButton
                android:id="@+id/imgBtnEdit"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:background="#C34A4A"
                app:srcCompat="@android:drawable/ic_menu_edit" />

            <Space
                android:layout_width="5dp"
                android:layout_height="match_parent"
                />

            <ImageButton
                android:id="@+id/imgBtnDelete"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:background="#C34A4A"
                app:srcCompat="@android:drawable/ic_menu_delete" />

        </LinearLayout>
    </LinearLayout>
</LinearLayout>
```

Component Tree

Attributes

Code Split Design

Redmi Note 5A 32

Lab_05

12:00

list_food.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:id="@+id/layout_item"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:gravity="center"
    android:padding="10dp">

    <ImageView
        android:id="@+id/imgFood"
        android:layout_width="120dp"
        android:layout_height="120dp"
        android:contentDescription="Food"
        android:scaleType="fitXY"
        android:src="@drawable/chicken" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginStart="20dp"
        android:orientation="vertical">

        <TextView
            android:id="@+id/food"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Food"
            android:textColor="#FF5722"
            android:textSize="20sp" />

        <TextView
            android:id="@+id/name"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Name"
            android:textColor="#78909C"
            android:textSize="20sp" />

        <TextView
            android:id="@+id/price"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Price"
            android:textColor="#43A047"
            android:textSize="20sp" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">

            <Space
                android:layout_width="95dp"
                android:layout_height="match_parent" />

            <ImageButton
                android:id="@+id/imgBtnEdit"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:background="#C34A4A"
                app:srcCompat="@android:drawable/ic_menu_edit" />

            <Space
                android:layout_width="5dp"
                android:layout_height="match_parent"
                />

            <ImageButton
                android:id="@+id/imgBtnDelete"
                android:layout_width="40dp"
                android:layout_height="40dp"
                android:background="#C34A4A"
                app:srcCompat="@android:drawable/ic_menu_delete" />

        </LinearLayout>
    </LinearLayout>
</LinearLayout>
```

Component Tree

Attributes

Code Split Design

Redmi Note 5A 32

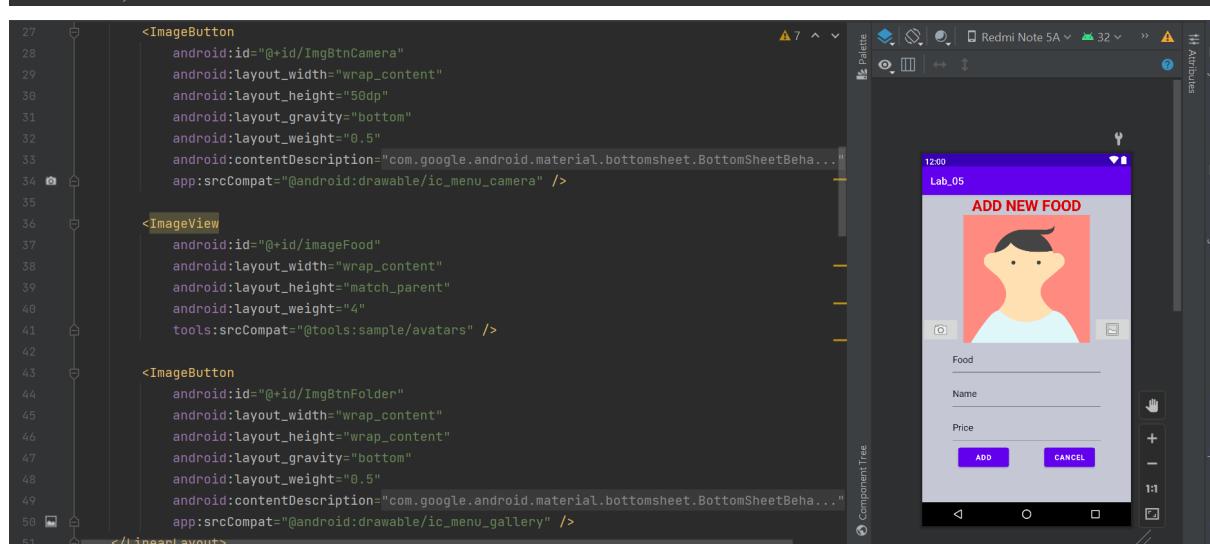
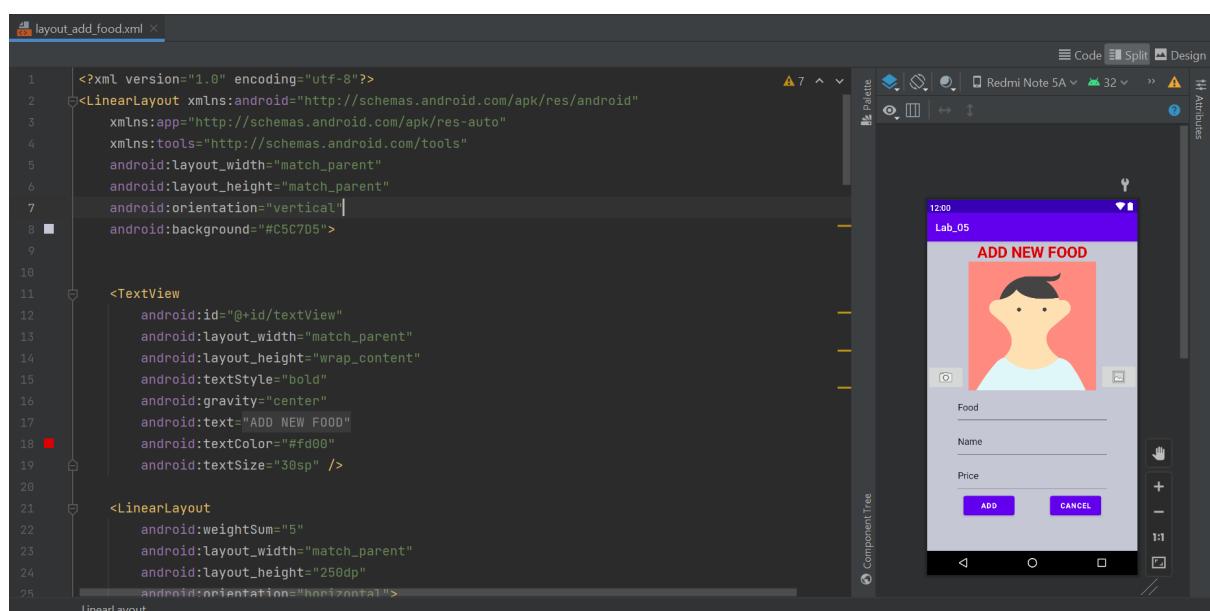
Lab_05

12:00

add_food.java

```
3 import ...
24
25 public class add_food extends AppCompatActivity {
26
27     Button btnAdd, btnCancel;
28     EditText edtFood, edtName, edtPrice;
29     ImageButton imgbtnCamera, imgbtnFolder;
30     ImageView imageFood;
31
32     int REQUEST_CODE_CAMERA = 100;
33     int REQUEST_CODE_FOLDER = 200;
34
35     @Override
36     protected void onCreate(Bundle savedInstanceState) {
37         super.onCreate(savedInstanceState);
38         setContentView(R.layout.layout_add_food);
39
40         Add_Food();
41
42         btnAdd.setOnClickListener(new View.OnClickListener() {
43             @Override
44             public void onClick(View view) {
45
46                 //change data imageview -> byte[]
47                 BitmapDrawable bitmapDrawable = (BitmapDrawable) imageFood.getDrawable();
48                 Bitmap bitmap = bitmapDrawable.getBitmap();
49                 ByteArrayOutputStream byteArray = new ByteArrayOutputStream();
50
51                 bitmap.compress(Bitmap.CompressFormat.PNG, quality: 100, byteArray);
52                 byte[] Image = byteArray.toByteArray();
53
54                 MainActivity.database.INSERT_FOOD(
55                     edtFood.getText().toString().trim(),
56                     edtName.getText().toString().trim(),
57                     edtPrice.getText().toString().trim(),
58                     Image
59                 );
59                 Toast.makeText(context: add_food.this, text: "Added To Database", Toast.LENGTH_SHORT).show();
60                 startActivity(new Intent(packageContext: add_food.this, MainActivity.class));
61             }
62         });
63
64         btnCancel.setOnClickListener(new View.OnClickListener() {
65             @Override
66             public void onClick(View view) {
67                 Toast.makeText(context: add_food.this, text: "Cancel Add Complete!", Toast.LENGTH_SHORT).show();
68                 startActivity(new Intent(packageContext: add_food.this, MainActivity.class));
69             }
70         });
71
72         //Open Camera
73         imgbtnCamera.setOnClickListener(new View.OnClickListener() {
74             @Override
75             public void onClick(View view) {
76                 Intent intent = new Intent(MediaStore.ACTION_IMAGE_CAPTURE);
77
78                 Intent intent = new Intent(MediaStore.ACTION_IMAGE_CAPTURE);
79                 startActivityForResult(intent,REQUEST_CODE_CAMERA);
80             }
81         });
82         //Open Folder(Gallery)
83         imgbtnFolder.setOnClickListener(new View.OnClickListener() {
84             @Override
85             public void onClick(View view) {
86                 Intent intent = new Intent(Intent.ACTION_PICK);
87                 intent.setType("image/*");
88                 startActivityForResult(intent, REQUEST_CODE_FOLDER);
89             }
90         });
91
92         @Override
93         protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
94             if (requestCode == REQUEST_CODE_CAMERA && resultCode == RESULT_OK && data != null){
95                 Bitmap bitmap = (Bitmap) data.getExtras().get("data");
96                 imageFood.setImageBitmap(bitmap);
97             }
98             if (requestCode == REQUEST_CODE_FOLDER && resultCode == RESULT_OK && data != null){
99                 Uri uri = data.getData();
100                 try {
101                     InputStream inputStream = getContentResolver().openInputStream(uri);
102                     Bitmap bitmap = BitmapFactory.decodeStream(inputStream);
```

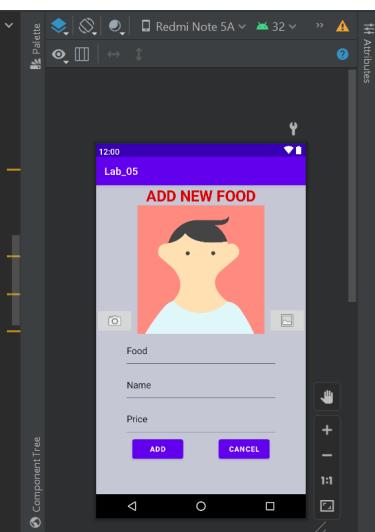
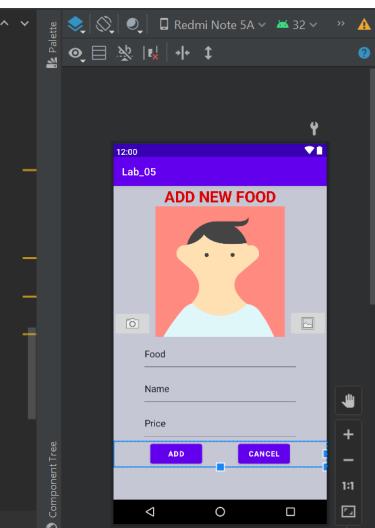
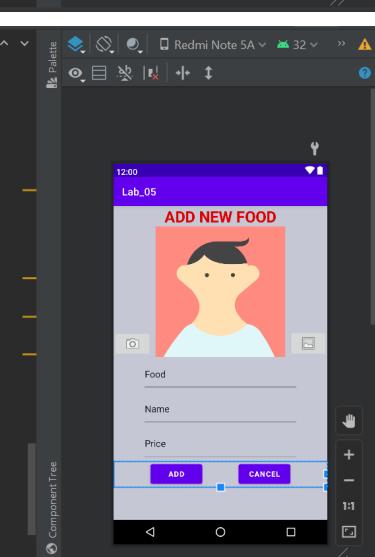
```
100     try {
101         InputStream inputStream = getContentResolver().openInputStream(uri);
102         Bitmap bitmap = BitmapFactory.decodeStream(inputStream);
103         imageFood.setImageBitmap(bitmap);
104     } catch (FileNotFoundException e) {
105         e.printStackTrace();
106     }
107 }
108 super.onActivityResult(requestCode, resultCode, data);
109
110 private void Add_Food() {
111     btnAdd = (Button) findViewById(R.id.btn_add);
112     btnCancel = (Button) findViewById(R.id.btn_cancel);
113     edtFood = (EditText) findViewById(R.id.editTextFood);
114     edtName = (EditText) findViewById(R.id.editTextName);
115     edtPrice = (EditText) findViewById(R.id.editTextPrice);
116     imgbtnCamera = (ImageButton) findViewById(R.id.ImgBtnCamera);
117     imgbtnFolder = (ImageButton) findViewById(R.id.ImgBtnFolder);
118     imageFood = (ImageView) findViewById(R.id.imageFood);
119 }
120 }
```



```

53    <LinearLayout
54        android:weightSum="3"
55        android:layout_width="match_parent"
56        android:layout_height="200dp"
57        android:orientation="vertical">
58
59        <EditText
60            android:id="@+id/editTextFood"
61            android:layout_width="300dp"
62            android:layout_height="wrap_content"
63            android:layout_weight="1"
64            android:layout_gravity="center"
65            android:ems="10"
66            android:inputType="textPersonName"
67            android:text="Food" />
68
69        <EditText
70            android:id="@+id/editTextName"
71            android:layout_width="300dp"
72            android:layout_height="wrap_content"
73            android:layout_weight="1"
74            android:layout_gravity="center"
75            android:ems="10"
76            android:inputType="textPersonName"
77            android:text="Name" />
78
79        <EditText
80            android:id="@+id/editTextPrice"
81            android:layout_width="300dp"
82            android:layout_height="wrap_content"
83            android:layout_weight="1"
84            android:layout_gravity="center"
85            android:ems="10"
86            android:inputType="textPersonName"
87            android:text="Price" />
88    </LinearLayout>
89
90    <LinearLayout
91        android:layout_width="match_parent"
92        android:layout_height="50dp">
93
94        <View
95            android:id="@+id/divider3"
96            android:layout_width="1dp"
97            android:layout_height="match_parent"
98            android:layout_weight="1"
99            android:background="#C5C7D5" />
100
101        <Button
102            android:id="@+id/btn_add"
103            android:layout_width="100dp"
104            android:layout_height="50dp"
105            android:text="ADD"
106            android:textStyle="bold" />
107
108        <Space
109            android:layout_width="wrap_content"
110            android:layout_height="wrap_content"
111            android:layout_weight="1" />
112
113        <Button
114            android:id="@+id/btn_cancel"
115            android:layout_width="100dp"
116            android:layout_height="50dp"
117            android:text="Cancel"
118            android:textStyle="bold"/>
119
120        <View
121            android:id="@+id/divider4"
122            android:layout_width="1dp"
123            android:layout_height="match_parent"
124            android:layout_weight="1"
125            android:background="#C5C7D5" />
126    </LinearLayout>

```

dialog_edit_food.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:orientation="vertical"
    android:layout_margin="10dp">

    <TextView
        android:id="@+id/txtEdit"
        android:textSize="30sp"
        android:textStyle="bold"
        android:gravity="center"
        android:textColor="#ff00"
        android:layout_width="match_parent"
        android:layout_height="42dp"
        android:text="EDIT FOOD" />

    <LinearLayout
        android:weightSum="5"
        android:layout_width="match_parent"
        android:layout_height="250dp"
        android:orientation="horizontal">

        <Space
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="0.5" />

        <ImageView
            android:id="@+id/imgFood_edit"
            android:layout_width="wrap_content"
            android:layout_height="match_parent"
            android:layout_weight="4"
            android:src="@drawable/chicken"
            tools:srcCompat="@drawable/chicken" />

        <Space
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="0.5" />
    </LinearLayout>

    <LinearLayout
        android:weightSum="3"
        android:layout_width="match_parent"
        android:layout_height="200dp"
        android:orientation="vertical">
```

Component Tree

Attributes

12:00 Lab_05

EDIT FOOD

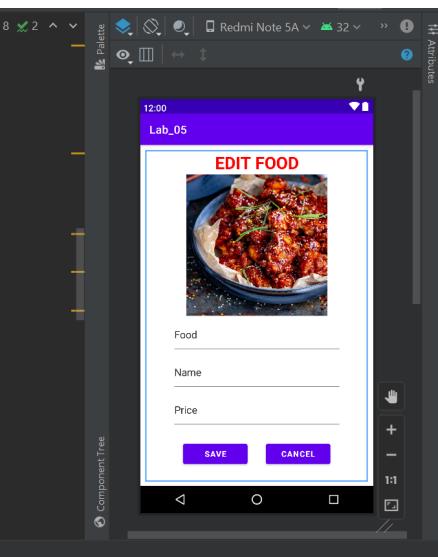
Food

Name

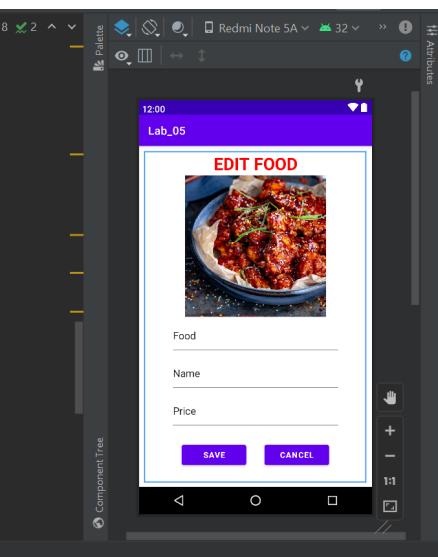
Price

SAVE CANCEL

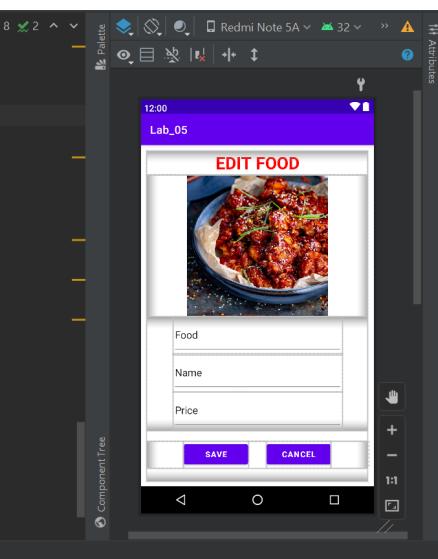
```
50    android:orientation="vertical">
51
52    <EditText
53        android:id="@+id/txtFood_edit"
54        android:layout_width="300dp"
55        android:layout_height="wrap_content"
56        android:layout_weight="1"
57        android:layout_gravity="center"
58        android:ems="10"
59        android:inputType="textPersonName"
60        android:text="Food" />
61
62    <EditText
63        android:id="@+id/txtName_edit"
64        android:layout_width="300dp"
65        android:layout_height="wrap_content"
66        android:layout_weight="1"
67        android:layout_gravity="center"
68        android:ems="10"
69        android:inputType="textPersonName"
70        android:text="Name" />
71
72    <EditText
73        android:id="@+id/txtPrice_edit"
74        android:layout_width="300dp"
75
76        android:layout_width="300dp"
77        android:layout_height="wrap_content"
78        android:layout_weight="1"
79        android:layout_gravity="center"
80        android:ems="10"
81        android:inputType="textPersonName"
82        android:text="Price" />
83
84    </LinearLayout>
85
86    <LinearLayout
87        android:layout_width="match_parent"
88        android:layout_height="48dp"
89        android:layout_marginTop="20dp"
90        android:orientation="horizontal">
91
92        <View
93            android:id="@+id/divider"
94            android:layout_width="1dp"
95            android:layout_height="match_parent"
96            android:layout_weight="1"
97            android:background="@color/cardview_light_background" />
98
99        <Button
100            android:id="@+id	btn_edit"
101            android:layout_width="50dp"
102
103            android:layout_width="50dp"
104            android:layout_height="wrap_content"
105            android:layout_weight="1"
106            android:text="SAVE"
107            android:textStyle="bold"/>
108
109        <Space
110            android:layout_width="wrap_content"
111            android:layout_height="wrap_content"
112            android:layout_weight="0.5" />
113
114        <Button
115            android:id="@+id	btn_cancel_edit"
116            android:layout_width="50dp"
117            android:layout_height="wrap_content"
118            android:layout_weight="1"
119            android:text="Cancel"
120            android:textStyle="bold"/>
121
122        <View
123            android:id="@+id/divider2"
124            android:layout_width="1dp"
125            android:layout_height="match_parent"
126            android:layout_weight="1"
127            android:background="@color/cardview_light_background" />
128
129    </LinearLayout>
```



```
74        android:layout_width="300dp"
75        android:layout_height="wrap_content"
76        android:layout_weight="1"
77        android:layout_gravity="center"
78        android:ems="10"
79        android:inputType="textPersonName"
80        android:text="Price" />
81
82    </LinearLayout>
83
84    <LinearLayout
85        android:layout_width="match_parent"
86        android:layout_height="48dp"
87        android:layout_marginTop="20dp"
88        android:orientation="horizontal">
89
90        <View
91            android:id="@+id/divider"
92            android:layout_width="1dp"
93            android:layout_height="match_parent"
94            android:layout_weight="1"
95            android:background="@color/cardview_light_background" />
96
97        <Button
98            android:id="@+id	btn_edit"
99            android:layout_width="50dp"
100
101            android:layout_width="50dp"
102            android:layout_height="wrap_content"
103            android:layout_weight="1"
104            android:text="SAVE"
105            android:textStyle="bold"/>
106
107        <Space
108            android:layout_width="wrap_content"
109            android:layout_height="wrap_content"
110            android:layout_weight="0.5" />
111
112        <Button
113            android:id="@+id	btn_cancel_edit"
114            android:layout_width="50dp"
115            android:layout_height="wrap_content"
116            android:layout_weight="1"
117            android:text="Cancel"
118            android:textStyle="bold"/>
119
120        <View
121            android:id="@+id/divider2"
122            android:layout_width="1dp"
123            android:layout_height="match_parent"
124            android:layout_weight="1"
125            android:background="@color/cardview_light_background" />
126
127    </LinearLayout>
```



```
98        android:layout_width="50dp"
99        android:layout_height="wrap_content"
100        android:layout_weight="1"
101        android:text="SAVE"
102        android:textStyle="bold"/>
103
104        <Space
105            android:layout_width="wrap_content"
106            android:layout_height="wrap_content"
107            android:layout_weight="0.5" />
108
109        <Button
110            android:id="@+id	btn_cancel_edit"
111            android:layout_width="50dp"
112            android:layout_height="wrap_content"
113            android:layout_weight="1"
114            android:text="Cancel"
115            android:textStyle="bold"/>
116
117        <View
118            android:id="@+id/divider2"
119            android:layout_width="1dp"
120            android:layout_height="match_parent"
121            android:layout_weight="1"
122            android:background="@color/cardview_light_background" />
123
124    </LinearLayout>
```



dialog_delete_food.xml

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     android:layout_width="match_parent"
4     android:layout_height="match_parent"
5     android:orientation="vertical">
6
7     <TextView
8         android:id="@+id/txtDelete"
9         android:layout_width="match_parent"
10        android:layout_height="wrap_content"
11        android:gravity="center"
12        android:text="Text Delete"
13        android:textSize="25sp"
14        android:textStyle="bold"
15        android:textColor="#C80E00"/>
16
17     <LinearLayout
18         android:weightSum="5"
19         android:layout_width="match_parent"
20         android:layout_height="wrap_content">
21
22         <Space
23             android:layout_width="wrap_content"
24             android:layout_height="wrap_content"
25             android:layout_weight="2"/>
26
27         <Button
28             android:id="@+id/btn_yes"
29             android:layout_width="wrap_content"
30             android:layout_height="wrap_content"
31             android:layout_margin="10dp"
32             android:text="YES"
33             android:layout_weight="0.5"
34             android:textStyle="bold"/>
35
36         <Button
37             android:id="@+id/btn_no"
38             android:layout_width="wrap_content"
39             android:layout_height="wrap_content"
40             android:layout_margin="10dp"
41             android:layout_weight="0.5"
42             android:text="NO"
43             android:textStyle="bold"/>
44
45         <Space
46             android:layout_width="wrap_content"
47             android:layout_height="wrap_content"
48             android:layout_weight="2"/>
49     </LinearLayout>
50 </LinearLayout>

```

add_icon_menu

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <menu xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto">
4
5     <item
6         android:id="@+id/menuAdd"
7         android:icon="@drawable/ic_add"
8         android:title="add"
9         app:showAsAction="always" />
10 </menu>

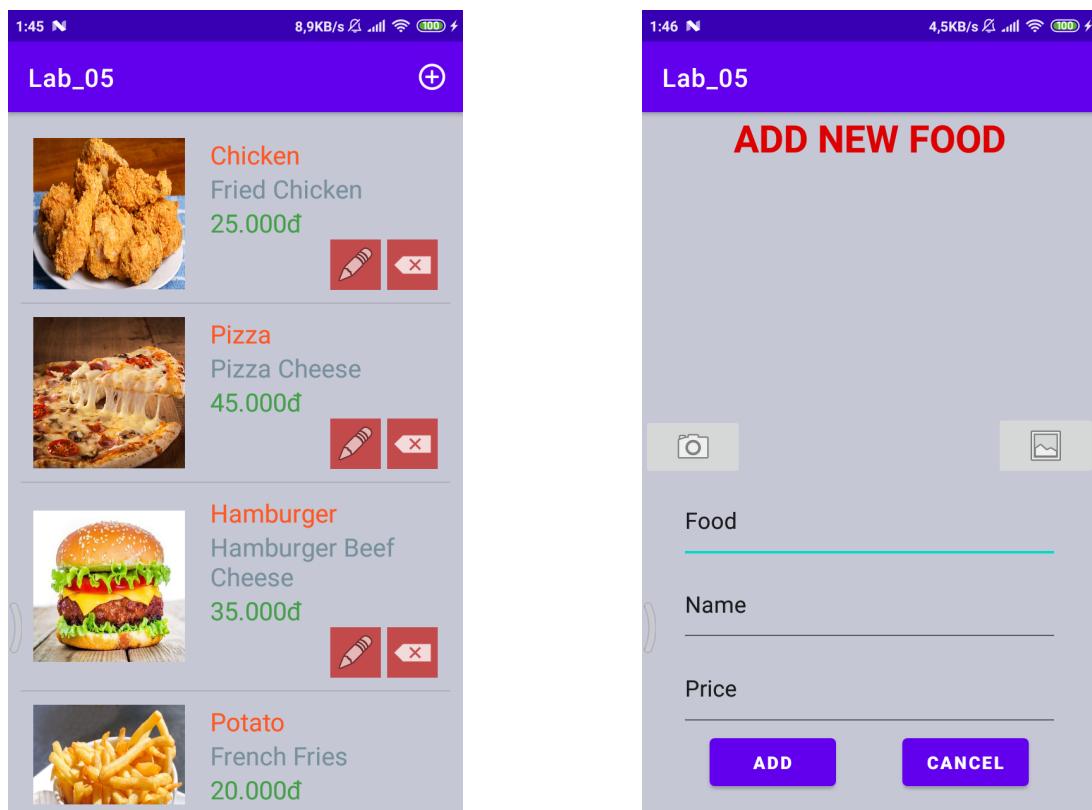
```

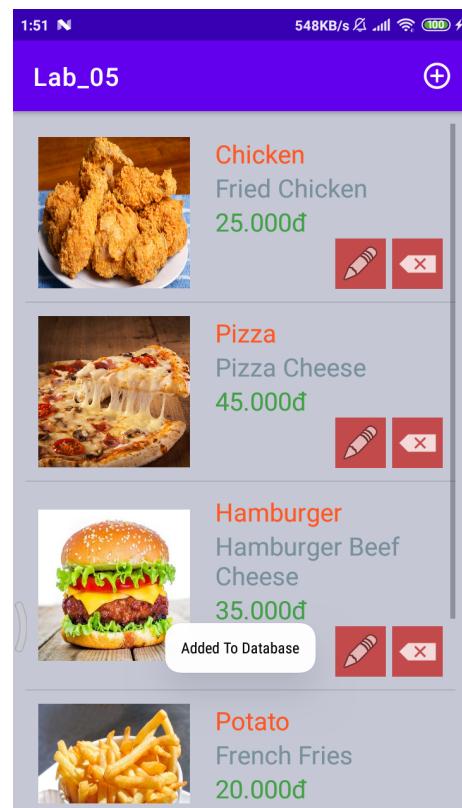
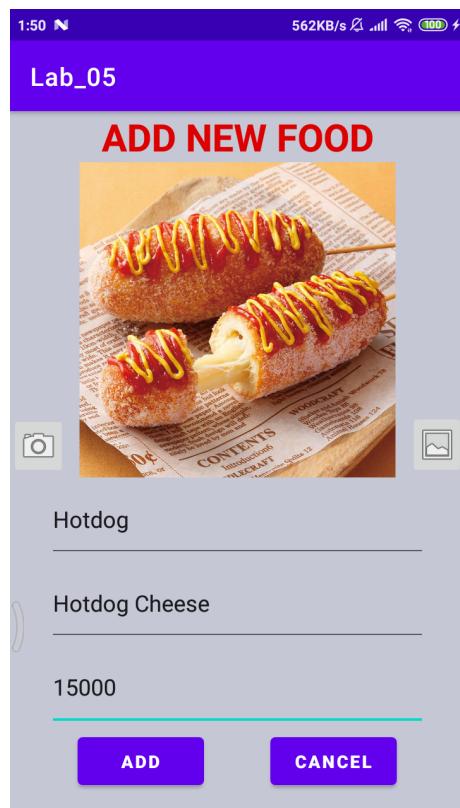
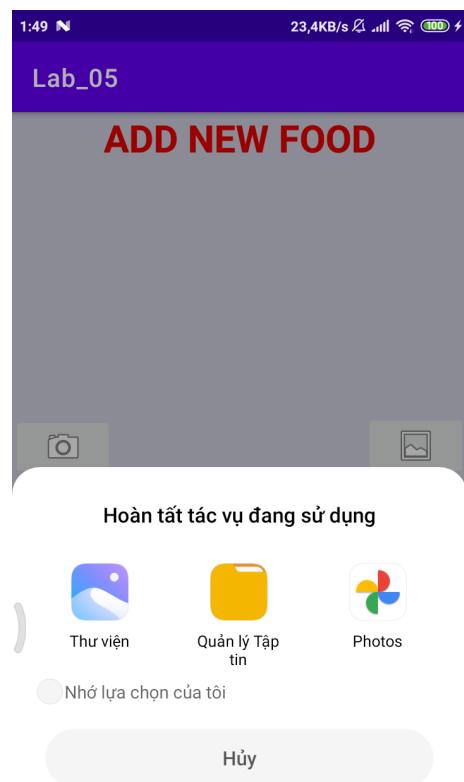
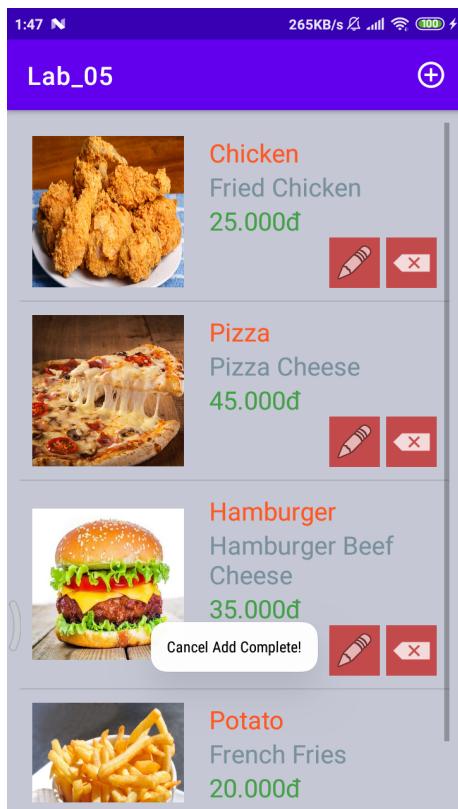
strings.xml

Edit translations for all locales in the translations editor.

```
<resources>
    <string name="app_name">Lab_05</string>
    <string name="add">Add</string>
    <string name="add_new_food">ADD NEW FOOD</string>
    <string name="food">Food</string>
    <string name="name">Name</string>
    <string name="price">Price</string>
    <string name="btn_add">ADD</string>
    <string name="btn_cancel">Cancel</string>
    <string name="edit_food">EDIT FOOD</string>
    <string name="btn_edit">SAVE</string>
    <string name="text_delete">Text Delete</string>
    <string name="yes">YES</string>
    <string name="no">NO</string>
</resources>
```

resources > string





1:54 18,9KB/s 100%

Lab_05

	Pizza Cheese 45.000đ		
	Hamburger Hamburger Beef Cheese 35.000đ		
	Potato French Fries 20.000đ		
	Hotdog Hotdog Cheese 15.000đ		

1:55 291KB/s 100%

EDIT FOOD

Hamburger

Hamburger Beef Cheese

35000

[Open Edit Food](#)

SAVE **CANCEL**

1:58 154KB/s 100%

EDIT FOOD

Hamburger

Hamburger Beef Egg

30000

SAVE **CANCEL**

2:00 607KB/s 100%

Lab_05

	Pizza Pizza Cheese 45.000đ		
	Hamburger Hamburger Beef Egg 30.000đ		
	Potato French Fries		
Successfully Updated!			
	Hotdog Hotdog Cheese		

