VISVESVARAYA TECHNOLOGICAL UNIVERSITY "Jnana Sangama", Belagavi – 590 018, Karnataka

**MINI PROJECT REPORT**

**ON**

# "ARTWORK GALLERY"

***Submitted in partial fulfillment of the requirements for the Mobile Application Development Lab (18CSMP68)***

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE & ENGINEERING**


*Submitted by:*
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under the guidance of


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**2021 – 2022**

# JYOTHY INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Accredited by NBA, New Delhi
Tataguni, Off. Kanakapura Road,
Bengaluru - 560 082

## C E R T I F I C A T E

This is to certify that the Mini Project titled '**Artwork Gallery**' carried out by **Mr CHIRAG M**, **USN: 1JT19CS019**, a bonafide student of Jyothy Institute of Technology, in partial fulfillment for the award of **Bachelor of Engineering**, in **Computer Science and Engineering** under Visvesvaraya Technological University, Belagavi, during the year 2021-2022.

The project report has been approved, as it satisfies the academic requirements in respect of Mini Project prescribed for the course Mobile Application Development Lab (18CSMP68).

Signature of Faculty Incharge

.....
Prof. Nagaraj. A
Associate Professor
Dept of CSE
JIT, Bengaluru

Signature of HOD

….....
Dr. Prabhanjan. S.
Prof & Head of Dept - CSE
JIT, Bengaluru

External Viva

Name of the Examiners — Signature with Date

1)

2)

# D E C L A R A T I O N

I, CHIRAG M, 6th Semester student of Computer Science and Engineering, Jyothy Institute of Technology, Bangalore - 560 082, declare that the Mini Project of Mobile Application Development Lab (18CSMP68) is successfully completed.

This report is submitted in partial fulfillment of the requirements for award of Bachelor Degree in Computer Science and Engineering, during the academic year 2021-2022.

Date : 18-07-2022
Place : Bangalore

USN : 1JT19CS019

Name : CHIRAG M

# A C K N O W L E D G E M E N T

This Mini Project is a result of accumulated guidance, direction and support of several important persons. I take this opportunity to express my gratitude to all, who have helped us to complete the Mini Project.

I express our sincere thanks to our Principal Dr K. Gopalakrishna, for providing us adequate facilities to undertake this Mini Project.

I would like to thank Dr. Prabhanjan. S, Head of Dept - CSE, for providing us an opportunity to carry out Mini Project and for his valuable guidance and support.

I would like to thank, Prof. Nagaraj. A, Faculty In Charge, for guiding us during the period of Mini Project.

I would like to thank all the faculty members of CSE department for the support extended during the course of Mini Project.

I would like to thank the non-teaching members of the Dept of CSE, for helping us during the Mini Project.

Last but not the least, I would like to thank our parents and friends without whose constant help, the completion of Mini Project would have not been possible.

**CHIRAG M [ 1JT19CS019 ]**

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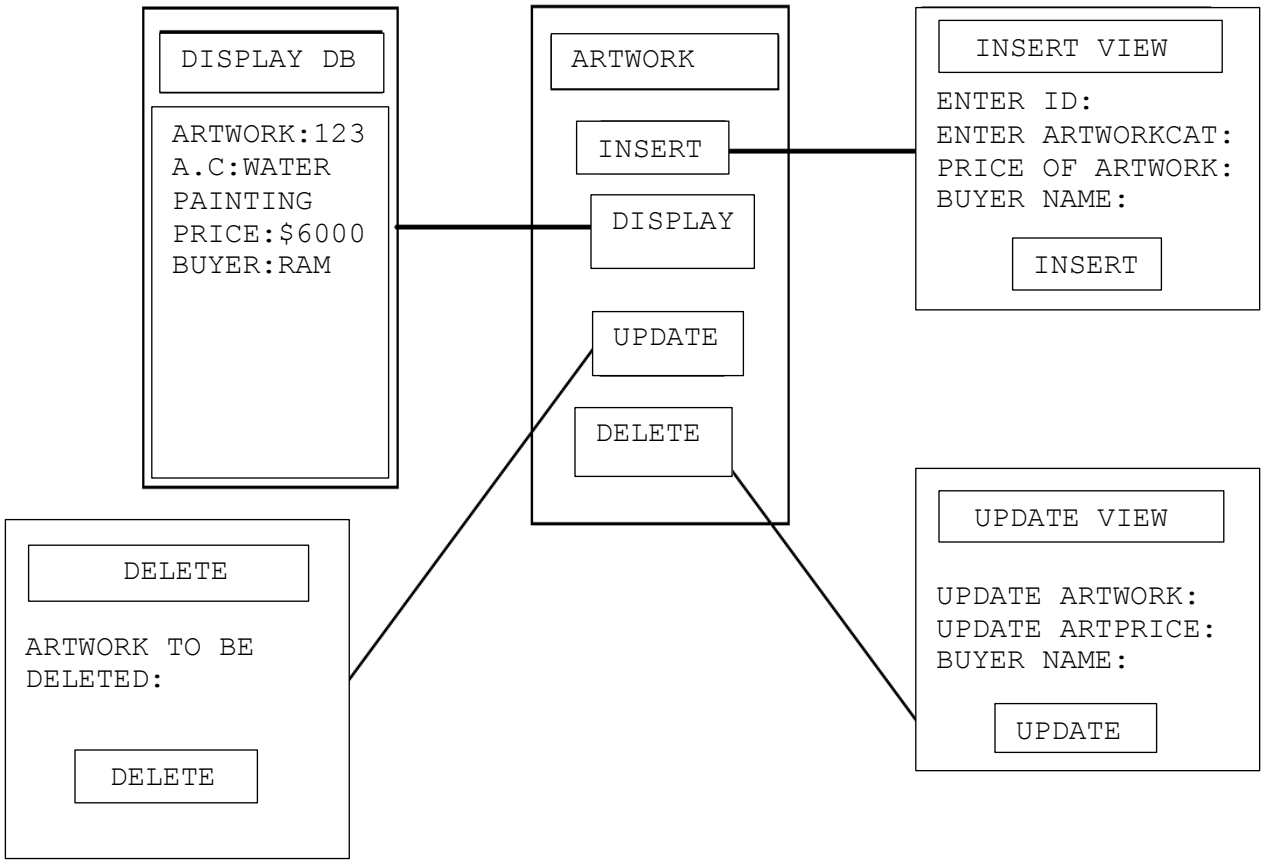
# CHAPTER 1

# Problem statement
# with
# input and output diagram

## Problem Statement:

Develop an android application – Student Result management application that helps the user to manage by adding a Student ID, delete a ID, search a ID update and display all the current available Student Results in form of a list.

## Input and Output Diagram:



# CHAPTER 2

# XML files Code

activity_main.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.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:id="@+id/textView"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_marginTop="0dp"
        android:background="#3aa8c1"
        android:text="ArtWork Gallery "
        android:gravity="center"
        android:textAlignment="center"
        android:textAllCaps="true"
        android:textSize="30dp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"/>

    <Button
        android:id="@+id/Insertbtn"
        android:layout_width="250dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="80dp"
        android:layout_marginTop="60dp"
        android:background="#bbd46a"
        android:text="Insert"
        android:textColor="#1f2212"
        android:textSize="25dp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView" />

    <Button
        android:id="@+id/viewbtn"
        android:layout_width="250dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="85dp"
        android:layout_marginTop="60dp"
        android:background="#bbd46a"
        android:text="Display"
        android:textColor="#1f2212"
        android:textSize="25dp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/Insertbtn" />


    <Button
        android:id="@+id/updatebtn"
        android:layout_width="250dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="80dp"
        android:layout_marginTop="60dp"
```

```
        android:background="#bbd46a"
        android:text="Update"
        android:textColor="#1f2212"
        android:textSize="25dp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/viewbtn" />


    <Button
        android:id="@+id/Deletebtn"
        android:layout_width="250dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="80dp"
        android:layout_marginTop="60dp"
        android:background="#bbd46a"
        android:text="Delete"
        android:textColor="#1f2212"
        android:textSize="25dp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/updatebtn" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

activity_insert.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.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=".InsertActivity">

    <TextView
        android:id="@+id/InsertView"
        android:layout_width="match_parent"
        android:layout_height="50dp"
        android:layout_marginTop="0dp"
        android:gravity="center"
        android:background="#60FFFF"
        android:text="INSERT VIEW"
        android:textAlignment="center"
        android:textSize="30dp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/Aid"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="60dp"
        android:ems="10"
        android:hint="Enter ArtWork ID"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        android:text=""
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/InsertView" />
```

```
    <EditText
        android:id="@+id/Cname"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="60dp"
        android:ems="10"
        android:hint="Enter Artwork Category"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        android:text=""
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/Aid" />

    <EditText
        android:id="@+id/price"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="60dp"
        android:ems="10"
        android:hint="Enter Price of ArtWork"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        android:text=""
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/Cname" />

    <EditText
        android:id="@+id/Bname"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="60dp"
        android:ems="10"
        android:hint="Enter Buyer Name"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        android:text=""
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/price" />

    <Button
        android:id="@+id/insertionbtn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="150dp"
        android:layout_marginTop="60dp"
        android:background="#ffcccb"
        android:text="Insert"
        android:textColor="#795548"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/Bname" />


</androidx.constraintlayout.widget.ConstraintLayout>
```

activity_update.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.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=".updateActivity">
```

```
    <TextView
        android:id="@+id/UpdateView"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:gravity="center"
        android:text="Update table"
        android:background="#98FB98"
        android:textAlignment="center"
        android:textSize="30dp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/updateCname"
        android:layout_width="match_parent"
        android:layout_height="70dp"
        android:layout_marginTop="60dp"
        android:ems="10"
        android:inputType="textPersonName"
        android:hint="Update Artwork"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/UpdateView" />

    <EditText
        android:id="@+id/Updateprice"
        android:layout_width="match_parent"
        android:layout_height="70dp"
        android:layout_marginTop="60dp"
        android:ems="10"
        android:inputType="textPersonName"
        android:hint="Update Artworkprice"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/updateCname" />

    <Button
        android:id="@+id/Updatingbtn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="#ADD8E6"
        android:layout_marginStart="148dp"
        android:layout_marginTop="60dp"
        android:text="Update"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/UpdateBname" />

    <EditText
        android:id="@+id/UpdateBname"
        android:layout_width="match_parent"
        android:layout_height="70dp"
        android:layout_marginTop="60dp"
        android:ems="10"
        android:hint="Buyer name"
        android:inputType="textPersonName"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/Updateprice" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

**activity_view.xml:**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/an
droid"
    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="#d3d3d3"
    tools:context=".viewActivity">

    <TextView
        android:id="@+id/DataView"
        android:layout_width="match_parent"
        android:layout_height="500dp"
        android:layout_marginTop="35dp"
        android:hint="Display Data Retrieved!!"
        android:textColor="@color/black"
        android:textSize="20dp"
        android:background="#ffffff"
        android:textStyle="bold"
        android:scrollbars="vertical"

app:layout_constraintBottom_toTopOf="@+id/buttonView
"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/ViewText"
/>
```

```
    <TextView
        android:id="@+id/ViewText"
        android:layout_width="match_parent"
        android:layout_height="50dp"
        android:background="#ffff00"
        android:gravity="center"
        android:text="Display Database"
        android:textAllCaps="true"
        android:textColor="@color/black"
        android:textSize="30dp"

app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <Button
        android:id="@+id/buttonView"
        android:layout_width="200dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="104dp"
        android:layout_marginTop="48dp"
        android:layout_marginEnd="107dp"
        android:background="#5cd"
        android:text="View Database"
        app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/DataView"
/>
</androidx.constraintlayout.widget.ConstraintLayout>
```

**activity delete.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.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=".deleteActivity">

    <TextView
        android:id="@+id/deleteview"
        android:layout_width="match_parent"
        android:layout_height="75dp"
        android:background="#ffcccb"
        android:gravity="center"
        android:text="Delete"
        android:textAlignment="center"
        android:textSize="30sp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/DeleteArtwork"
        android:layout_width="411dp"
        android:layout_height="71dp"
        android:layout_marginTop="75dp"
        android:ems="10"
        android:hint="Enter the Artwork to be deleted"
        android:inputType="textPersonName"
        android:text=""
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/deleteview" />

    <Button
        android:id="@+id/deletingbtn"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="150dp"
        android:layout_marginTop="150dp"
        android:background="#00F"
        android:text="Delete"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/DeleteArtwork" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

# CHAPTER 3

# Java files Code

MainActivity.java:

```
package com.example.madlab2;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity implements View.OnClickListener
{
    Button insertbtn, updatebtn, deletebtn, viewbtn, searchbtn;

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

        insertbtn = findViewById(R.id.Insertbtn);
        insertbtn.setOnClickListener(this);
        updatebtn = findViewById(R.id.updatebtn);
        updatebtn.setOnClickListener(this);
        deletebtn = findViewById(R.id.Deletebtn);
        deletebtn.setOnClickListener(this);
        viewbtn = findViewById(R.id.viewbtn);
        viewbtn.setOnClickListener(this);



    }

    @Override
    public void onClick(View view) {
        if (view.equals(insertbtn)) {
            Intent In = new Intent(MainActivity.this, InsertActivity.class);
            startActivity(In);
        } else if (view.equals(viewbtn)) {
            Intent In = new Intent(MainActivity.this, viewActivity.class);
            startActivity(In);

        } else if (view.equals(updatebtn)) {
            Intent In = new Intent(MainActivity.this, updateActivity.class);
            startActivity(In);
        } else if (view.equals(deletebtn)) {
            Intent In = new Intent( MainActivity.this, deleteActivity.class);
            startActivity(In);
        }
    }
}
```

InsertActivity.java:

```
package com.example.madlab2;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class InsertActivity extends AppCompatActivity implements
View.OnClickListener{
    EditText ed1,ed2,ed3,ed4;
    Button insertionbtn;
    com.example.madlab2.DBHelper db;

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

        ed1 = findViewById(R.id.Aid);
         ed2= findViewById(R.id.Cname);
        ed3 = findViewById(R.id.price);
        ed4 = findViewById(R.id.Bname);

        db = new com.example.madlab2.DBHelper(this);

        insertionbtn = findViewById(R.id.insertionbtn);
        insertionbtn.setOnClickListener(this);
    }

    @Override
    public void onClick(View view) {
        String id = ed1.getText().toString();
        String name = ed2.getText().toString();
        String Phno = ed3.getText().toString();
        String issue = ed4.getText().toString();
        Boolean checkdata = db.insertdata(id,name,Phno,issue);
        if(checkdata==true)
            Toast.makeText(this, "Data Inserted", Toast.LENGTH_SHORT).show();
        else
            Toast.makeText(this, "Error in Entering Data",
Toast.LENGTH_SHORT).show();
    }
}
```

UpdateActivity.java:

```
package com.example.madlab2;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
```

```
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class updateActivity extends AppCompatActivity implements
View.OnClickListener {
    EditText UpdateCname,Updateprice,UpdateBname;
    Button Updatingbtn;
    DBHelper db;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_update);
        UpdateCname = findViewById(R.id.updateCname);
        Updateprice = findViewById(R.id.Updateprice);
        UpdateBname = findViewById(R.id.UpdateBname);

        db = new DBHelper(this);

        Updatingbtn = findViewById(R.id.Updatingbtn);
        Updatingbtn.setOnClickListener(this);
    }

    @Override
    public void onClick(View view) {
        String name = UpdateCname.getText().toString();
        String Phno = Updateprice.getText().toString();
        String issue = UpdateBname.getText().toString();
        Boolean checkdata = db.updatedata(null,name,Phno,issue);
        if(checkdata==true)
            Toast.makeText(this, "Data Updated", Toast.LENGTH_SHORT).show();
        else
            Toast.makeText(this, "Error in Updating Data",
Toast.LENGTH_SHORT).show();
    }
}
```

ViewActivity.java:

```
package com.example.madlab2;

import android.database.Cursor;
import android.os.Bundle;

import android.text.method.ScrollingMovementMethod;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;


import androidx.appcompat.app.AppCompatActivity;

import com.example.madlab2.DBHelper;


public class viewActivity extends AppCompatActivity implements View.OnClickListener{

    TextView DataView;
```

```
    DBHelper db = new DBHelper(this);
    Button buttonView;
    StringBuilder sb = new StringBuilder();


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_view);
        DataView = findViewById(R.id.DataView);
        buttonView = findViewById(R.id.buttonView);
        buttonView.setOnClickListener(this);

        Cursor cursor = db.getdata();

        while (cursor.moveToNext()) {
            sb.append("Artwork ID:" + cursor.getString(0)+"\n");
            sb.append("Artwork Category:" + cursor.getString(1)+"\n");
            sb.append("Price of Artwork:" + cursor.getString(2)+"\n");
            sb.append("Buyer name :" + cursor.getString(3)+"\n\n");

        }

        DataView.setMovementMethod(new ScrollingMovementMethod());
    }


    @Override
    public void onClick(View view) {
        if(view.equals(buttonView))
            DataView.setText(sb);
    }
}
```

DeleteActivity.java:

```
package com.example.madlab2;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class deleteActivity extends AppCompatActivity implements
View.OnClickListener {
    EditText DeleteArtwork;
    Button Deletingbtn;
    com.example.madlab2.DBHelper db;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_delete);
        DeleteArtwork = findViewById(R.id.DeleteArtwork);
        Deletingbtn = findViewById(R.id.deletingbtn);

        db = new com.example.madlab2.DBHelper(this);
```

```
        Deletingbtn.setOnClickListener(this);
    }

    @Override
    public void onClick(View view) {
        String name = DeleteArtwork.getText().toString();
        boolean checkdata = db.deletedata(name);
        if(checkdata==true)
            Toast.makeText(this, "Data Deleted", Toast.LENGTH_SHORT).show();
        else
            Toast.makeText(this, "Error in Deleting Data",
Toast.LENGTH_SHORT).show();
    }
}
```

viewActivity.java:

```
package com.example.madlab2;

import android.database.Cursor;
import android.os.Bundle;

import android.text.method.ScrollingMovementMethod;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;


import androidx.appcompat.app.AppCompatActivity;

import com.example.madlab2.DBHelper;


public class viewActivity extends AppCompatActivity implements View.OnClickListener{

    TextView DataView;
    DBHelper db = new DBHelper(this);
    Button buttonView;
    StringBuilder sb = new StringBuilder();


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_view);
        DataView = findViewById(R.id.DataView);
        buttonView = findViewById(R.id.buttonView);
        buttonView.setOnClickListener(this);

        Cursor cursor = db.getdata();

        while (cursor.moveToNext()) {
            sb.append("Artwork ID:" + cursor.getString(0)+"\n");
            sb.append("Artwork Category:" + cursor.getString(1)+"\n");
            sb.append("Price of Artwork:" + cursor.getString(2)+"\n");
            sb.append("Buyer name :" + cursor.getString(3)+"\n\n");

        }

        DataView.setMovementMethod(new ScrollingMovementMethod());
```

```
    }


    @Override
    public void onClick(View view) {
        if(view.equals(buttonView))
            DataView.setText(sb);
    }
}
```

DBHelper.java:

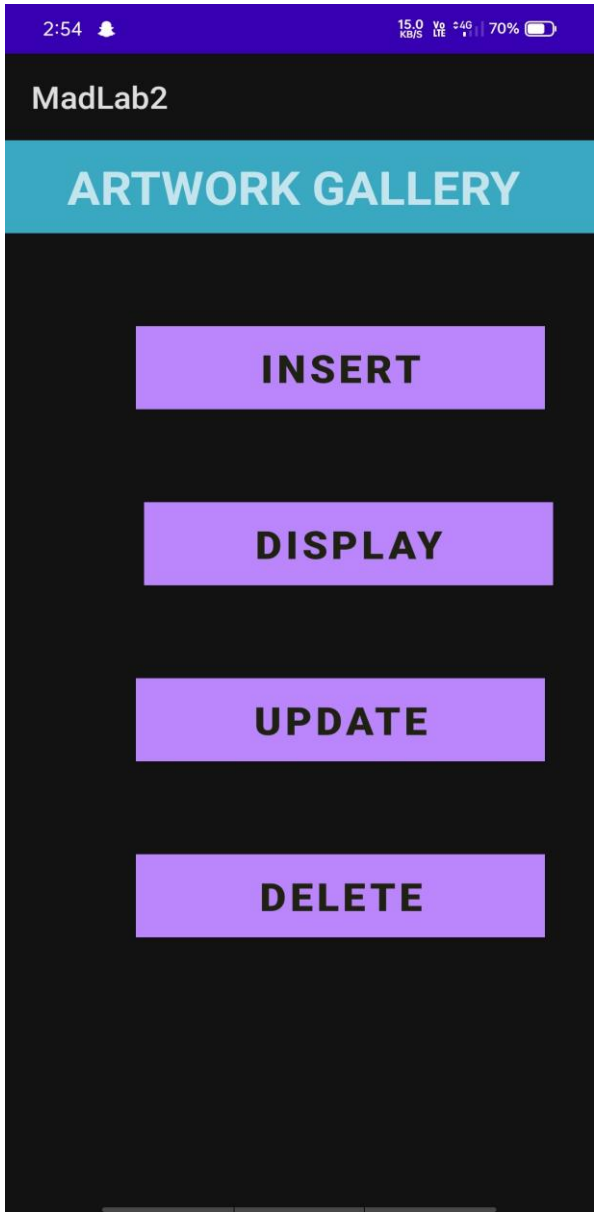
```
package com.example.madlab2;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;

public class DBHelper extends SQLiteOpenHelper {
    public DBHelper(Context context) {
        super(context, "Artwork.db", null, 1);
    }

    public void onCreate(SQLiteDatabase db) {
        db.execSQL("create table ArtworkDetails(Aid Text primary key, Cname
Text,price Text, Bname Text)");
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int i, int i1) {
        db.execSQL("drop table if exists ArtworkDetails");
    }

    public boolean insertdata(String Aid, String Pname, String price, String
Bname) {
        SQLiteDatabase database = this.getWritableDatabase();
        ContentValues cv = new ContentValues();
        cv.put("Aid", Aid);
        cv.put("Cname", Pname);
        cv.put("price", price);
        cv.put("Bname", Bname);
        long result = database.insert("ArtworkDetails", null, cv);
        if (result == -1)
            return false;
        else
            return true;
    }

    public boolean updatedata(String Aid, String Cname, String price, String
Bname) {
        SQLiteDatabase database = this.getWritableDatabase();
        ContentValues cv = new ContentValues();
        cv.put("price", price);
        cv.put("Bname", Bname);

        Cursor cursor = database.rawQuery("Select * from ArtworkDetails where
```

```
    Cname = ?", new String[]{Cname});
            if (cursor.getCount() > 0) {
                long result = database.update("ArtworkDetails", cv, "Cname=?", new
    String[]{Bname});
                if (result == -1)
                    return false;
                else
                    return true;
            }
            else
                return false;
        }

        public boolean deletedata(String Cname) {
            SQLiteDatabase database = this.getWritableDatabase();


            Cursor cursor = database.rawQuery("Select * from ArtworkDetails where
    Cname = ?", new String[]{Cname});
            if (cursor.getCount() > 0) {
                long result = database.delete("ArtworkDetails", "Cname=?", new
    String[]{Cname});
                if (result == -1)
                    return false;
                else
                    return true;
            }
            else
                return false;
        }

        public Cursor getdata() {
            SQLiteDatabase database = this.getWritableDatabase();
            Cursor cursor = database.rawQuery("Select * from
    ArtworkDetails",null);
            return cursor;

        }

    }
```

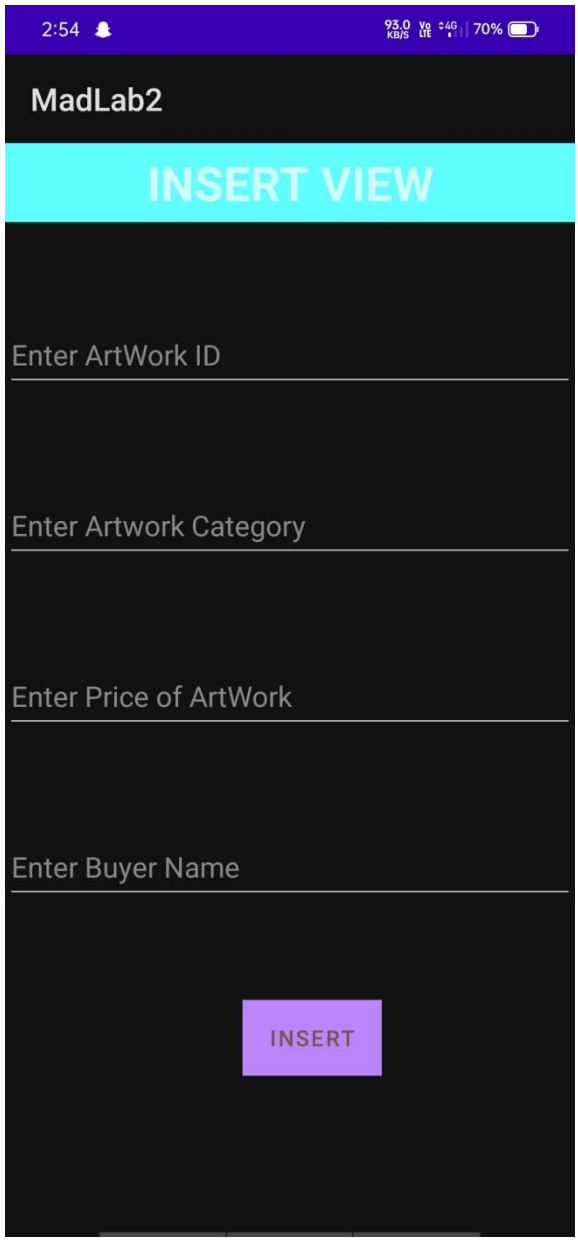
# CHAPTER 4

# Screen Shots

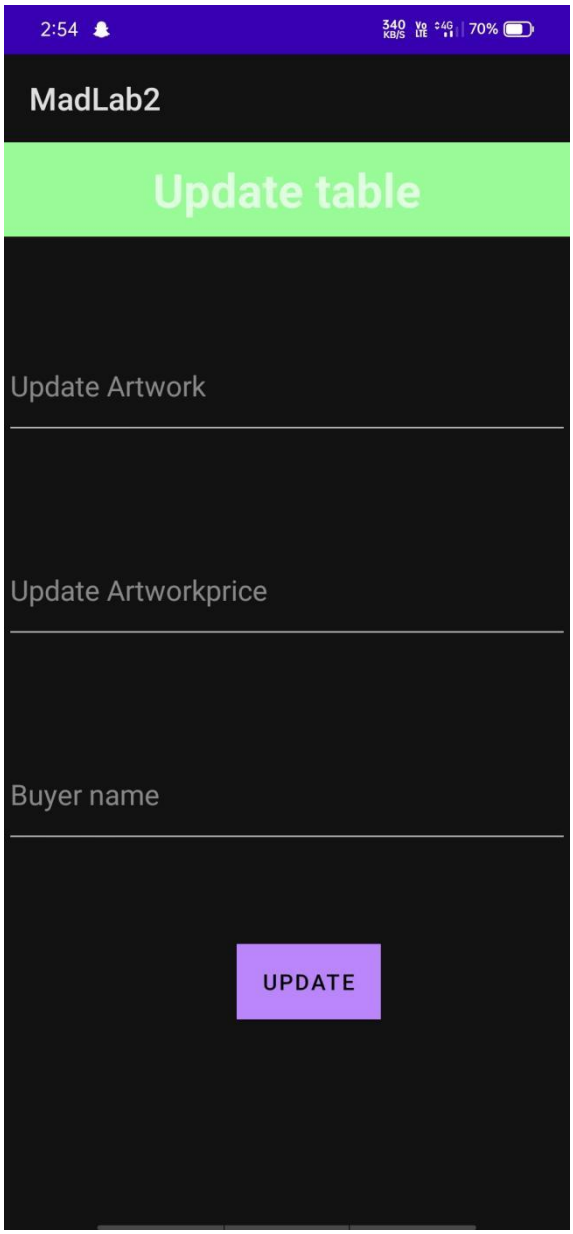
**Screenshots:**



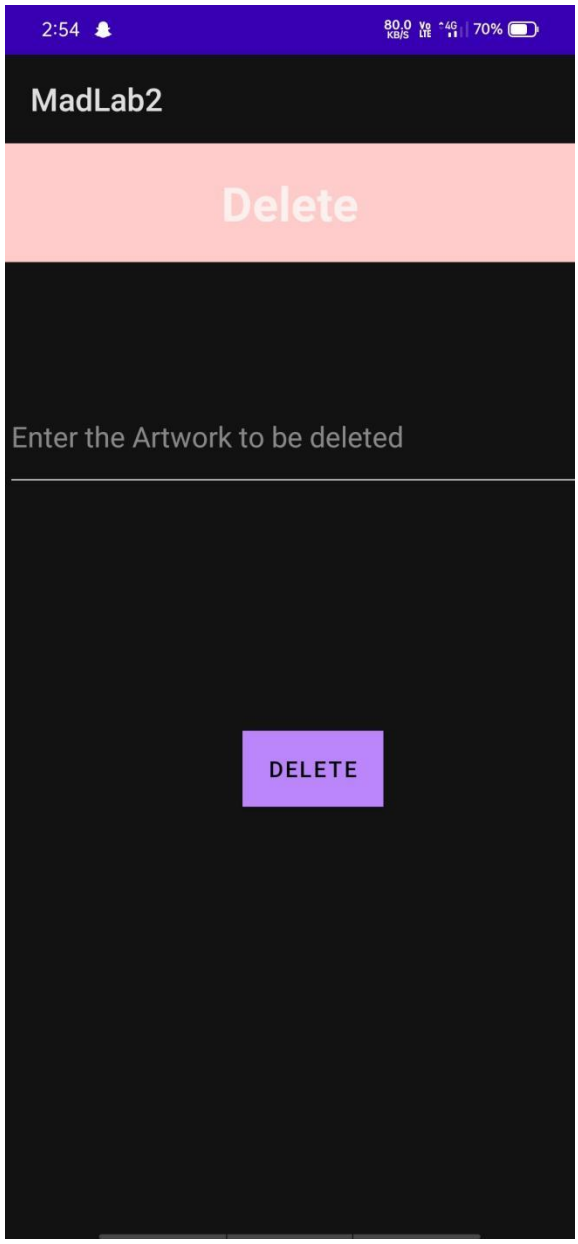

**1. MAIN PAGE**




**2. INSERT VIEW**




**4. UPDATE PAGE**




**4. DELETE PAGE**

**5. DISPLAY VIEW**