Farmer id 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/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:background="@drawable/welocome"  
 tools:context=".FarmerIdActivity">  
  
  
  
  
 <LinearLayout  
 android:layout\_width="351dp"  
 android:layout\_height="422dp"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/custums\_edittext"  
 android:orientation="vertical"  
 android:padding="24dp">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="FARMER LOGIN"  
 android:textAlignment="center"  
 android:textColor="@color/black"  
 android:textSize="36sp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/Farmer\_id"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="40dp"  
 android:background="@drawable/custums\_edittext"  
 android:drawableLeft="@drawable/baseline\_person\_24"  
 android:drawablePadding="8dp"  
 android:hint="farmer ID:"  
 android:padding="8dp"  
 android:textColor="@color/lavender"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/Farmer\_Password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="40dp"  
 android:background="@drawable/custums\_edittext"  
 android:drawableLeft="@drawable/baseline\_lock\_24"  
 android:drawablePadding="8dp"  
 android:hint="Farmer Password:"  
 android:padding="8dp"  
 android:textColor="@color/black"  
 android:textStyle="bold" />  
  
  
 <Button  
 android:id="@+id/Farmerlogin\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:layout\_marginTop="30dp"  
 android:backgroundTint="@color/lavender"  
 android:text="display"  
 android:textSize="18dp" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/farmeridRedirectText"  
 android:text="Not Yet Registered? signup"  
 android:layout\_gravity="center"  
 android:padding="8dp"  
 android:layout\_marginTop="10dp"  
 android:textColor="@color/lavender"  
 android:textSize="18sp"/>  
  
  
 </LinearLayout>  
  
  
  
</LinearLayout>

Display date xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:orientation="vertical"  
 android:padding="16dp"  
 android:background="@drawable/back1"  
 tools:context=".DisplayDataActivity">  
  
  
  
 <EditText  
 android:id="@+id/etQuality"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:hint="Enter Quality" />  
  
 <EditText  
 android:id="@+id/etQuantity"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:hint="Enter Quantity" />  
  
 <EditText  
 android:id="@+id/etMemberName"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:hint="Enter Member Name" />  
  
 <Spinner  
 android:id="@+id/spinnerMilkType"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp" />  
  
 <Button  
 android:id="@+id/btnSubmit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Submit" />  
  
</LinearLayout>

Display xml

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="930dp"  
 xmlns:tools="http://schemas.android.com/tools"  
 tools:context=".DisplayActivity">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
  
 <TextView  
 android:id="@+id/tvQuality"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="54dp"  
 android:text="Quality: "  
 android:textSize="18sp" />  
  
 <TextView  
 android:id="@+id/tvMilkType"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:text="Milk Type: "  
 android:textSize="18sp" />  
  
 <TextView  
 android:id="@+id/tvQuantity"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="57dp"  
 android:text="Quantity: "  
 android:textSize="18sp" />  
  
 <TextView  
 android:id="@+id/tvMemberName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="50dp"  
 android:text="Member Name: "  
 android:textSize="18sp" />  
  
  
 <TextView  
 android:id="@+id/tvDisplayData"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Display Data:"  
 android:textSize="18sp" />  
  
 </LinearLayout>  
  
  
  
 </ScrollView>

Admin farmer 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/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:background="@drawable/back2"  
 tools:context=".AdminFarmerActivity">  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="30dp"  
 app:cardCornerRadius="30dp"  
 app:cardElevation="20dp">  
  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_gravity="center\_horizontal"  
 android:padding="24dp"  
 android:background="@drawable/custums\_edittext">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Farmer Admin"  
 android:textSize="36sp"  
 android:textAlignment="center"  
 android:textStyle="bold"  
 android:textColor="@color/black"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:id="@+id/enter\_id"  
 android:autofillHints="Enter id"  
 android:textStyle="bold"  
 android:background="@drawable/custums\_edittext"  
 android:layout\_marginTop="40dp"  
 android:padding="8dp"  
 android:hint="Enter id:"  
 android:drawableLeft="@drawable/baseline\_person\_24"  
 android:drawablePadding="8dp"  
 android:textColor="@color/black"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:id="@+id/enter\_Password"  
 android:textStyle="bold"  
 android:background="@drawable/custums\_edittext"  
 android:layout\_marginTop="40dp"  
 android:padding="8dp"  
 android:hint="Enter Password:"  
 android:drawableLeft="@drawable/baseline\_lock\_24"  
 android:drawablePadding="8dp"  
 android:textColor="@color/black"/>  
  
  
  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:text="display"  
 android:id="@+id/dislay\_button"  
 android:textSize="18dp"  
 android:layout\_marginTop="30dp"  
 android:backgroundTint="@color/lavender"  
 app:cornerRadius ="30dp"  
 tools:ignore="MissingPrefix" />  
  
 <TextView  
 android:id="@+id/adminfarmerRedirectText"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="10dp"  
 android:padding="8dp"  
 android:text="Already an user? login"  
 android:textColor="@color/lavender"  
 android:textSize="18sp" />  
  
  
  
  
  
  
  
  
  
  
 </LinearLayout>  
  
 </androidx.cardview.widget.CardView>  
  
</LinearLayout>

Farmerid. Java

package com.example.milkydairyapp;  
  
import android.content.Intent;  
import android.graphics.drawable.ColorDrawable;  
import android.os.Bundle;  
import android.text.TextUtils;  
import android.util.Patterns;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.activity.EdgeToEdge;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class FarmerIdActivity<string> extends AppCompatActivity {  
  
  
 private FirebaseAuth auth;  
 private EditText Farmerid, FarmerPassword;  
 private TextView farmeridRedirectText;  
 private Button Farmerloginbutton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_farmer\_id*);  
  
 auth = FirebaseAuth.*getInstance*();  
 Farmerid = findViewById(R.id.*Farmer\_id*);  
 FarmerPassword = findViewById(R.id.*Farmer\_Password*);  
 farmeridRedirectText = findViewById(R.id.*farmeridRedirectText*);  
 Farmerloginbutton = findViewById(R.id.*Farmerlogin\_button*);  
  
 Farmerloginbutton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String email = Farmerid.getText().toString();  
 String pass = FarmerPassword.getText().toString();  
 if (!email.isEmpty() && Patterns.*EMAIL\_ADDRESS*.matcher(email).matches()) {  
 if (!pass.isEmpty()) {  
 auth.signInWithEmailAndPassword(email, pass)  
 .addOnSuccessListener(new OnSuccessListener<AuthResult>() {  
 @Override  
 public void onSuccess(AuthResult authResult) {  
 Toast.*makeText*(FarmerIdActivity.this, "login successful", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(FarmerIdActivity.this, MainActivity.class));  
 finish();  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 Toast.*makeText*(FarmerIdActivity.this, "login failled", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 } else {  
 FarmerPassword.setError("password cannot be empty");  
 }  
 { if (email.isEmpty()) {  
 Farmerid.setError(("email cannot be empty"));  
 } else {  
 Farmerid.setError("please enter valid email");  
 }  
  
 }  
  
 farmeridRedirectText.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 startActivity(new Intent(FarmerIdActivity.this, AdminFarmerActivity.class));  
 }  
 });  
  
 }  
 });  
  
  
  
 }  
  
}

display date java

package com.example.milkydairyapp;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Spinner;  
import android.widget.Toast;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class DisplayDataActivity extends AppCompatActivity {  
  
 private EditText etQuality, etQuantity, etMemberName ;  
 private Spinner spinnerMilkType;  
 private Button btnSubmit;  
 private DatabaseHelper db;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_display\_data*);  
  
 db = new DatabaseHelper(this);  
  
 etQuality = findViewById(R.id.*etQuality*);  
 etQuantity = findViewById(R.id.*etQuantity*);  
 etMemberName = findViewById(R.id.*etMemberName*);  
 spinnerMilkType = findViewById(R.id.*spinnerMilkType*);  
 btnSubmit = findViewById(R.id.*btnSubmit*);  
  
  
 ArrayAdapter<CharSequence> adapter = ArrayAdapter.*createFromResource*(this,  
 R.array.*milk\_types*, android.R.layout.*simple\_spinner\_item*);  
 adapter.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 spinnerMilkType.setAdapter(adapter);  
  
 btnSubmit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String quality = etQuality.getText().toString();  
 String quantity = etQuantity.getText().toString();  
 String memberName = etMemberName.getText().toString();  
 String milkType = spinnerMilkType.getSelectedItem().toString();  
  
  
 boolean isInserted = db.insertData(quality, quantity, memberName, milkType);  
 if (isInserted) {  
 Toast.*makeText*(DisplayDataActivity.this, "Data Inserted", Toast.*LENGTH\_SHORT*).show();  
 } else {  
 Toast.*makeText*(DisplayDataActivity.this, "Data Not Inserted", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
  
 Intent intent = new Intent(DisplayDataActivity.this, DisplayActivity.class);  
 startActivity(intent);  
  
 }}

display activity java

package com.example.milkydairyapp;  
  
import android.database.Cursor;  
import android.os.Bundle;  
import android.widget.TextView;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class DisplayActivity extends AppCompatActivity {  
  
 private DatabaseHelper db;  
 private TextView tvDisplayData;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_display*);  
  
 db = new DatabaseHelper(this);  
 tvDisplayData = findViewById(R.id.*tvDisplayData*);  
  
 displayData();  
 }  
  
 private void displayData() {  
 Cursor cursor = db.getAllData();  
 if (cursor.getCount() == 0) {  
 tvDisplayData.setText("No data found");  
 return;  
 }  
  
 StringBuilder builder = new StringBuilder();  
 while (cursor.moveToNext()) {  
 builder.append("ID: ").append(cursor.getString(0)).append("\n");  
 builder.append("Quality: ").append(cursor.getString(1)).append("\n");  
 builder.append("Quantity: ").append(cursor.getString(2)).append("\n");  
 builder.append("Member Name: ").append(cursor.getString(3)).append("\n");  
 builder.append("Milk Type: ").append(cursor.getString(4)).append("\n\n");  
 }  
 tvDisplayData.setText(builder.toString());  
  
  
 }  
}

database helper java

package com.example.milkydairyapp;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import java.sql.Date;  
  
public class DatabaseHelper extends SQLiteOpenHelper {  
 private static final String *DATABASE\_NAME* = "FarmerId.db";  
 private static final int *DATABASE\_VERSION* = 1;  
 private static final String *TABLE\_NAME* = "milk\_info";  
 private static final String *COL\_1* = "ID";  
 private static final String *COL\_2* = "QUALITY";  
 private static final String *COL\_3* = "QUANTITY";  
 private static final String *COL\_4* = "MEMBER\_NAME";  
 private static final String *COL\_5* = "MILK\_TYPE" ;  
  
  
  
 public DatabaseHelper  
 (Context context) {  
 super(context, "FarmerId.db", null, 1);  
 }  
  
  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 String createTable = "CREATE TABLE " + *TABLE\_NAME* + " (" +  
 *COL\_1* + " INTEGER PRIMARY KEY AUTOINCREMENT, " +  
 *COL\_2* + " TEXT, " +  
 *COL\_3* + " TEXT, " +  
 *COL\_4* + " TEXT, " +  
 *COL\_5* + " TEXT)";  
  
 db.execSQL(createTable);  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS your\_table\_name");  
 onCreate(db);  
 }  
  
  
 public boolean insertData(String quality, String quantity, String memberName, String milkType) {  
 SQLiteDatabase db = this.getWritableDatabase();  
 ContentValues contentValues = new ContentValues();  
 contentValues.put(*COL\_2*, quality);  
 contentValues.put(*COL\_3*, quantity);  
 contentValues.put(*COL\_4*, memberName);  
 contentValues.put(*COL\_5*, milkType);  
 long result = db.insert(*TABLE\_NAME*, null, contentValues);  
 return result != -1;  
 }  
  
 public Cursor getAllData() {  
 SQLiteDatabase db = this.getWritableDatabase();  
 return db.rawQuery("SELECT \* FROM " + *TABLE\_NAME*,null);}  
  
}

adminfarmer java

package com.example.milkydairyapp;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.activity.EdgeToEdge;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class AdminFarmerActivity extends AppCompatActivity {  
  
 private FirebaseAuth auth;  
 private EditText enterid, enterPassword;  
 private Button dislaybutton;  
 private TextView adminfarmerRedirectText;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_admin\_farmer*);  
  
 auth = FirebaseAuth.*getInstance*();  
 enterid = findViewById(R.id.*enter\_id*);  
 enterPassword = findViewById(R.id.*enter\_Password*);  
 dislaybutton = findViewById(R.id.*dislay\_button*);  
 adminfarmerRedirectText = findViewById(R.id.*adminfarmerRedirectText*);  
  
 dislaybutton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String user = enterid.getText().toString().trim();  
 String pass = enterPassword.getText().toString().trim();  
  
 if (user.isEmpty()) {  
 enterid.setError("Email cannot be empty");  
  
 }  
 if (pass.isEmpty()){  
 enterPassword.setError("password cannot be empty");  
 }else{  
 auth.createUserWithEmailAndPassword(user, pass).addOnCompleteListener(new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 if (task.isSuccessful()) {  
 Toast.*makeText*(AdminFarmerActivity.this, "SignUp successful", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(AdminFarmerActivity.this, FarmerIdActivity.class));  
 }else {  
 Toast.*makeText*(AdminFarmerActivity.this, "SignUp Failed" + task.getException().getMessage(), Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
  
 }  
 });  
 adminfarmerRedirectText.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 startActivity(new Intent(AdminFarmerActivity.this, FarmerIdActivity.class));  
 }  
 });  
  
  
 }  
}

Loginactivicty java

package com.example.milkydairyapp;  
  
import android.content.Intent;  
import android.graphics.drawable.ColorDrawable;  
import android.os.Bundle;  
import android.text.TextUtils;  
import android.util.Patterns;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.activity.EdgeToEdge;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
  
 public class LogInActivity<string> extends AppCompatActivity {  
  
  
 private FirebaseAuth auth;  
 private EditText loginEmail, loginPassword;  
 private TextView signupRedirectText;  
 private Button loginButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_log\_in*);  
  
 auth = FirebaseAuth.*getInstance*();  
 loginEmail = findViewById(R.id.*login\_email*);  
 loginPassword = findViewById(R.id.*login\_Password*);  
 signupRedirectText = findViewById(R.id.*signupRedirectText*);  
 loginButton = findViewById(R.id.*login\_button*);  
  
 loginButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String email = loginEmail.getText().toString();  
 String pass = loginPassword.getText().toString();  
 if (!email.isEmpty() && Patterns.*EMAIL\_ADDRESS*.matcher(email).matches()) {  
 if (!pass.isEmpty()) {  
 auth.signInWithEmailAndPassword(email, pass)  
 .addOnSuccessListener(new OnSuccessListener<AuthResult>() {  
 @Override  
 public void onSuccess(AuthResult authResult) {  
 Toast.*makeText*(LogInActivity.this, "login successful", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(LogInActivity.this, FarmerIdActivity.class));  
 finish();  
 }  
 }).addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 Toast.*makeText*(LogInActivity.this, "login failled", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 } else {  
 loginPassword.setError("password cannot be empty");  
 }  
 { if (email.isEmpty()) {  
 loginEmail.setError(("email cannot be empty"));  
 } else {  
 loginEmail.setError("please enter valid email");  
 }  
  
 }  
  
 signupRedirectText.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 startActivity(new Intent(LogInActivity.this, SignUpActivity.class));  
 }  
 });  
  
 }  
 });  
  
  
  
 }  
  
 }

main activity java

package com.example.milkydairyapp;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
  
public class MainActivity extends AppCompatActivity {  
 private Button getstartedButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_main*);  
 getstartedButton = findViewById(R.id.*get\_started*);  
 getstartedButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(MainActivity.this,DisplayDataActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 };  
 }

signup activity java

package com.example.milkydairyapp;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.activity.EdgeToEdge;  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
  
public class SignUpActivity extends AppCompatActivity {  
  
 private FirebaseAuth auth;  
 private EditText signupEmail, signupPassword;  
 private Button signupButton;  
 private TextView loginRedirectText;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_sign\_up*);  
  
 auth = FirebaseAuth.*getInstance*();  
 signupEmail = findViewById(R.id.*signup\_email*);  
 signupPassword = findViewById(R.id.*signup\_Password*);  
 signupButton = findViewById(R.id.*Signup\_button*);  
 loginRedirectText = findViewById(R.id.*loginRedirectText*);  
  
 signupButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String user = signupEmail.getText().toString().trim();  
 String pass = signupPassword.getText().toString().trim();  
  
 if (user.isEmpty()) {  
 signupEmail.setError("Email cannot be empty");  
  
 }  
 if (pass.isEmpty()){  
 signupPassword.setError("password cannot be empty");  
 }else{  
 auth.createUserWithEmailAndPassword(user, pass).addOnCompleteListener(new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 if (task.isSuccessful()) {  
 Toast.*makeText*(SignUpActivity.this, "SignUp successful", Toast.*LENGTH\_SHORT*).show();  
 startActivity(new Intent(SignUpActivity.this, LogInActivity.class));  
 }else {  
 Toast.*makeText*(SignUpActivity.this, "SignUp Failed" + task.getException().getMessage(), Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
  
 }  
 });  
 loginRedirectText.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 startActivity(new Intent(SignUpActivity.this, LogInActivity.class));  
 }  
 });  
  
  
 }  
 }

login activity 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/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:background="@drawable/back2"  
 tools:context="SignUpActivity">  
  
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="30dp"  
 app:cardCornerRadius="30dp"  
 app:cardElevation="20dp">  
  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_gravity="center\_horizontal"  
 android:padding="24dp"  
 android:background="@drawable/custums\_edittext">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Login"  
 android:textSize="36sp"  
 android:textAlignment="center"  
 android:textStyle="bold"  
 android:textColor="@color/black"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:id="@+id/login\_email"  
 android:autofillHints="Email"  
 android:textStyle="bold"  
 android:background="@drawable/custums\_edittext"  
 android:layout\_marginTop="40dp"  
 android:padding="8dp"  
 android:hint="Email:"  
 android:drawableLeft="@drawable/baseline\_person\_24"  
 android:drawablePadding="8dp"  
 android:textColor="@color/black"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:id="@+id/login\_Password"  
 android:textStyle="bold"  
 android:background="@drawable/custums\_edittext"  
 android:layout\_marginTop="40dp"  
 android:padding="8dp"  
 android:hint="Password:"  
 android:drawableLeft="@drawable/baseline\_lock\_24"  
 android:drawablePadding="8dp"  
 android:textColor="@color/black"/>  
  
   
  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:text="Login"  
 android:id="@+id/login\_button"  
 android:textSize="18dp"  
 android:layout\_marginTop="30dp"  
 android:backgroundTint="@color/lavender"  
 app:cornerRadius ="30dp"  
 tools:ignore="MissingPrefix" />  
  
  
  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/signupRedirectText"  
 android:text="Not Yet Registered? signup"  
 android:layout\_gravity="center"  
 android:padding="8dp"  
 android:layout\_marginTop="10dp"  
 android:textColor="@color/lavender"  
 android:textSize="18sp"/>  
  
  
  
  
 </LinearLayout>  
  
 </androidx.cardview.widget.CardView>  
  
</LinearLayout>

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:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/welocome"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/welcome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="welcome to our \nmilky dairy🐄🥛app!"  
 android:textColor="@color/black"  
 android:textSize="28dp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.108"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.207" />  
  
 <Button  
 android:id="@+id/get\_started"  
 android:layout\_width="99dp"  
 android:layout\_height="172dp"  
 android:layout\_marginStart="287dp"  
 android:layout\_marginTop="533dp"  
 android:layout\_marginEnd="33dp"  
 android:text="get started"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Activity signup 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/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:background="@drawable/back1"  
 tools:context="SignUpActivity">  
   
 <androidx.cardview.widget.CardView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="30dp"  
 app:cardCornerRadius="30dp"  
 app:cardElevation="20dp">  
  
  
 <LinearLayout  
 android:layout\_width="351dp"  
 android:layout\_height="422dp"  
 android:layout\_gravity="center\_horizontal"  
 android:background="@drawable/custums\_edittext"  
 android:orientation="vertical"  
 android:padding="24dp">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="SignUp"  
 android:textAlignment="center"  
 android:textColor="@color/black"  
 android:textSize="36sp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/signup\_email"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="40dp"  
 android:background="@drawable/custums\_edittext"  
 android:drawableLeft="@drawable/baseline\_person\_24"  
 android:drawablePadding="8dp"  
 android:hint="Email:"  
 android:padding="8dp"  
 android:textColor="@color/black"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/signup\_Password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="50dp"  
 android:layout\_marginTop="40dp"  
 android:background="@drawable/custums\_edittext"  
 android:drawableLeft="@drawable/baseline\_lock\_24"  
 android:drawablePadding="8dp"  
 android:hint="Password:"  
 android:padding="8dp"  
 android:textColor="@color/black"  
 android:textStyle="bold" />  
  
  
 <Button  
 android:id="@+id/Signup\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="60dp"  
 android:layout\_marginTop="30dp"  
 android:backgroundTint="@color/lavender"  
 android:text="sign up"  
 android:textSize="18dp" />  
  
 <TextView  
 android:id="@+id/loginRedirectText"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="10dp"  
 android:padding="8dp"  
 android:text="Already an user? login"  
 android:textColor="@color/lavender"  
 android:textSize="18sp" />  
  
  
 </LinearLayout>  
  
 </androidx.cardview.widget.CardView>  
   
</LinearLayout>