/data/data/com.example.a19f19012\_week10\_p1/databases/customer.db

Register Activity java code:

package com.example.a19f19012\_week10\_p1;  
  
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 RegisterActivity extends AppCompatActivity {  
  
 DatabaseHelper mDb;  
 EditText name, email, pass;  
 Button submit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_register*);  
 mDb = new DatabaseHelper(this);  
 *//get the IDs of editext* name = (EditText) findViewById(R.id.*edname1*);  
 email = (EditText) findViewById(R.id.*edemail1*);  
 pass = (EditText) findViewById(R.id.*edpass1*);  
  
 *//get the ids of button* submit = (Button) findViewById(R.id.*submitbtn1*);  
  
 *//define user defined methods* addData();  
  
  
 }  
 *//add data* public void addData()  
 {  
 submit.setOnClickListener(new View.OnClickListener()  
 {  
 @Override  
 public void onClick(View v)  
 {  
 boolean  
 insert=mDb.insertData(name.getText().toString(),email.getText().toString(),pass.getText().toString());  
 if(insert==true)  
 Toast.*makeText*(RegisterActivity.this, "Registration successful", Toast.*LENGTH\_SHORT*).show();  
 else  
 Toast.*makeText*(RegisterActivity.this, "Registration not successful", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
}

DatabaseHelper .java code:

package com.example.a19f19012\_week10\_p1;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import com.google.android.material.internal.NavigationMenu;  
  
import java.util.jar.Attributes;  
  
public class DatabaseHelper extends SQLiteOpenHelper {  
 public static final String *DATABASE\_NAME* = "customer.db";  
 public static final String *TABLE\_NAME* = "CUSTOMER";  
 public static final String *COL\_2* = "NAME";  
 public static final String *COL\_3* = "EMAIL";  
 public static final String *COL\_4* = "PASSWORD";  
  
 public DatabaseHelper(Context context) {  
 super(context, *DATABASE\_NAME*, null, 1);  
 }  
  
 public void onCreate(SQLiteDatabase db) {  
 db.execSQL("create table " + *TABLE\_NAME* + "( NAME TEXT primary key, EMAIL TEXT, PASSWORD TEXT) ");  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS " + *TABLE\_NAME*);  
 onCreate(db);  
 }  
  
 public boolean insertData(String name, String email, String pass) {  
 SQLiteDatabase db = this.getReadableDatabase();  
 ContentValues contentValues = new ContentValues();  
 contentValues.put(*COL\_2*, name);  
 contentValues.put(*COL\_3*, email);  
 contentValues.put(*COL\_4*, pass);  
 long result = db.insert(*TABLE\_NAME*, null, contentValues);  
 if (result == -1)  
 return false;  
 else  
 return true;  
 }  
 public Boolean checkname(String name){  
 SQLiteDatabase db = this.getWritableDatabase();  
 Cursor cursor = db.rawQuery("Select \* from customer where NAME = ?", new String[] {name});  
 if (cursor.getCount() >0)  
 return true;  
 else  
 return false;  
 }  
 public Boolean checknamepassword(String name, String pass){  
 SQLiteDatabase db = this.getWritableDatabase();  
 Cursor cursor = db.rawQuery("Select \* from customer where NAME =? and PASSWORD =?", new String[] {name, pass});  
 if(cursor.getCount()>0)  
 return true;  
 else  
 return false;  
 }  
  
}

activity\_hair-care.xml code:

*<?*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:gravity="top"  
 tools:context=".HairCareActivity">  
  
 <TextView  
 android:id="@+id/tvhc0"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Here are our hair care services:"  
 android:textSize="30sp"  
 tools:layout\_editor\_absoluteX="110dp"  
 tools:layout\_editor\_absoluteY="100dp" />  
  
  
 <RadioGroup  
 android:id="@+id/radio\_group"  
 android:layout\_width="match\_parent"  
 android:layout\_height="176dp">  
  
 <RadioButton  
 android:id="@+id/rbhc1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Haircut - 6 OMR"  
 android:textSize="24sp" />  
  
 <RadioButton  
 android:id="@+id/rbhc2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Root Color - 15 OMR"  
 android:textSize="24sp" />  
  
 <RadioButton  
 android:id="@+id/rbhc3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Keratine - 50 OMR"  
 android:textSize="24sp" />  
  
 <RadioButton  
 android:id="@+id/rbhc4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hair Spa - 10 OMR"  
 android:textSize="24sp" />  
  
 </RadioGroup>  
  
 <Button  
 android:id="@+id/rbhc5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Confirm"  
 android:textSize="18sp" />  
  
 <Button  
 android:id="@+id/rbhc6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Clear"  
 android:textSize="18sp" />  
  
 <Button  
 android:id="@+id/rbhc7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Calculate Total Price"  
 android:textSize="18sp" />  
  
 <EditText  
 android:id="@+id/edprice"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:hint="Total price"  
 android:textSize="18sp" />  
</LinearLayout>

Hair care activity.java code:

package com.example.a19f19012\_week10\_p1;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.CompoundButton;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.Toast;  
  
public class HairCareActivity extends AppCompatActivity {  
 */\*RadioButton haircutbtn, rootcolorbtn, keratinebtn, hairspabtn;\*/* RadioGroup radioGroup;  
 Button confirmbtn, clearbtn, calculatebtn;  
 EditText pricecalc;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_hair\_care*);  
  
 radioGroup = findViewById(R.id.*radio\_group*);  
 confirmbtn = (Button) findViewById(R.id.*rbhc5*);  
  
 radioGroup.setOnCheckedChangeListener(new RadioGroup.OnCheckedChangeListener() {  
 @Override  
 public void onCheckedChanged(RadioGroup group, int checkedId) {  
 switch (checkedId){  
 case R.id.*rbhc1*:  
 Toast.*makeText*(HairCareActivity.this, "Haircut has been selected", Toast.*LENGTH\_SHORT*).show();  
 break;  
 case R.id.*rbhc2*:  
 Toast.*makeText*(HairCareActivity.this, "Haircut has been selected", Toast.*LENGTH\_SHORT*).show();  
 break;  
 case R.id.*rbhc3*:  
 Toast.*makeText*(HairCareActivity.this, "Haircut has been selected", Toast.*LENGTH\_SHORT*).show();  
 break;  
 case R.id.*rbhc4*:  
 Toast.*makeText*(HairCareActivity.this, "Haircut has been selected", Toast.*LENGTH\_SHORT*).show();  
 break;  
 }  
 }  
 });  
  
 confirmbtn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 radioGroup.clearCheck();  
 }  
 });  
  
  
 }  
}

DeleteAccActivity:

package com.example.a19f19012\_week10\_p1;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class DeleteAccActivity extends AppCompatActivity {  
  
 EditText username, password;  
 Button delete;  
 DatabaseHelper DB;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_delete\_acc*);  
  
 username = (EditText) findViewById(R.id.*usernamedel*);  
 password = (EditText) findViewById(R.id.*passworddel*);  
 delete = (Button) findViewById(R.id.*btndel*);  
 DB = new DatabaseHelper(this  
 );  
  
 delete.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String user = username.getText().toString();  
 String pass = password.getText().toString();  
  
 if(user.equals("")||pass.equals("")){  
 Toast.*makeText*(DeleteAccActivity.this, "Please enter all the details", Toast.*LENGTH\_SHORT*);}  
 else{  
 Boolean checkuserpass = DB.checknamepassword(user, pass);  
 if(checkuserpass==true){  
 Boolean checkdeletedata = DB.deletedata(user);  
 if(checkdeletedata==true){  
 Toast.*makeText*(DeleteAccActivity.this, "Account has been deleted", Toast.*LENGTH\_SHORT*);  
 Intent intent = new Intent(getApplicationContext(), LoginActivity.class);  
 startActivity(intent);  
 }else{  
 Toast.*makeText*(DeleteAccActivity.this, "Account has not been deleted", Toast.*LENGTH\_SHORT*);  
 }  
 }  
 else{  
 Toast.*makeText*(DeleteAccActivity.this, "Invalid Credentials", Toast.*LENGTH\_SHORT*);  
 }  
 }  
 }  
 });  
  
 }  
}

users can see everything:

DataBaseHelper code:

package com.example.a19f19012\_week10\_p1;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import com.google.android.material.internal.NavigationMenu;  
  
import java.util.jar.Attributes;  
  
public class DatabaseHelper extends SQLiteOpenHelper {  
 public static final String *DATABASE\_NAME* = "customer.db";  
 public static final String *TABLE\_NAME* = "CUSTOMER";  
 public static final String *COL\_2* = "NAME";  
 public static final String *COL\_3* = "PASSWORD";  
  
  
 public DatabaseHelper(Context context) {  
 super(context, *DATABASE\_NAME*, null, 1);  
 }  
  
 public void onCreate(SQLiteDatabase db) {  
 db.execSQL("create table " + *TABLE\_NAME* + "( NAME TEXT primary key, PASSWORD TEXT) ");  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS " + *TABLE\_NAME*);  
 onCreate(db);  
 }  
  
 public boolean insertData(String name, String pass) {  
 SQLiteDatabase db = this.getReadableDatabase();  
 ContentValues contentValues = new ContentValues();  
 contentValues.put(*COL\_2*, name);  
 contentValues.put(*COL\_3*, pass);  
 long result = db.insert(*TABLE\_NAME*, null, contentValues);  
 if (result == -1)  
 return false;  
 else  
 return true;  
 }  
 public Boolean updatepassword(String username, String password){  
 SQLiteDatabase db = this.getWritableDatabase();  
 ContentValues contentValues = new ContentValues();  
 contentValues.put("PASSWORD", password);  
 long result = db.update(*TABLE\_NAME*, contentValues, "NAME = ?", new String[] {username});  
 if (result == -1)  
 return false;  
 else  
 return true;  
 }  
 public Boolean deletedata(String name)  
 {  
 SQLiteDatabase db = this.getWritableDatabase();  
 Cursor cursor = db.rawQuery("Select \* from customer where NAME = ?", new String[] {name});  
 if (cursor.getCount() > 0){  
 long result = db.delete("customer", "NAME = ?", new String[] {name});  
 if (result == -1)  
 { return false;}  
 else  
 {return true;}  
 }else{  
 return false;  
 }  
 }  
 public Cursor getdata()  
 {  
 SQLiteDatabase db = this.getWritableDatabase();  
 Cursor cursor = db.rawQuery("Select \* from customer", null);  
 return cursor;  
 }  
 public Boolean checkname(String name){  
 SQLiteDatabase db = this.getWritableDatabase();  
 Cursor cursor = db.rawQuery("Select \* from customer where NAME = ?", new String[] {name});  
 if (cursor.getCount() >0)  
 return true;  
 else  
 return false;  
 }  
 public Boolean checknamepassword(String name, String pass){  
 SQLiteDatabase db = this.getWritableDatabase();  
 Cursor cursor = db.rawQuery("Select \* from customer where NAME =? and PASSWORD =?", new String[] {name, pass});  
 if(cursor.getCount()>0)  
 return true;  
 else  
 return false;  
 }  
  
}

Home activity java:

package com.example.a19f19012\_week10\_p1;  
  
import androidx.appcompat.app.AlertDialog;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class HomeActivity extends AppCompatActivity {  
 Button hair, henna, spa, bridal;  
 TextView view;  
 DatabaseHelper DB;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_home*);  
  
 hair = (Button) findViewById(R.id.*btnhair*);  
 henna = (Button) findViewById(R.id.*btnhenna*);  
 spa = (Button) findViewById(R.id.*btnspa*);  
 bridal = (Button) findViewById(R.id.*btnbridal*);  
 view = (TextView) findViewById(R.id.*btnviewAcc*);  
 DB = new DatabaseHelper(this);  
  
 hair.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(getApplicationContext(), HairCareActivity.class);  
 startActivity(intent);  
 }  
 });  
 view.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Cursor res = DB.getdata();  
 if(res.getCount()==0){  
 Toast.*makeText*(HomeActivity.this, "No data exists", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
 StringBuffer buffer = new StringBuffer();  
 while(res.moveToNext()){  
 buffer.append("Username: "+ res.getString(0)+"\n");  
 buffer.append("Password: "+ res.getString(1)+"\n");  
 }  
 AlertDialog.Builder builder = new AlertDialog.Builder(HomeActivity.this);  
 builder.setCancelable(true);  
 builder.setTitle("User details: ");  
 builder.setMessage(buffer.toString());  
 builder.show();  
 }  
 });  
 }  
}

home activity xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="10dp"  
 android:orientation="vertical"  
 android:gravity="center\_vertical"  
 tools:context=".HomeActivity">  
  
 <TextView  
 android:id="@+id/tvmsg"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Check out our services!"  
 android:textSize="25dp"  
 tools:layout\_editor\_absoluteX="169dp"  
 tools:layout\_editor\_absoluteY="124dp" />  
  
  
 <Button  
 android:id="@+id/btnhair"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="50dp"  
 android:text="Hair Care"  
 tools:layout\_editor\_absoluteX="171dp"  
 tools:layout\_editor\_absoluteY="454dp" />  
  
 <Button  
 android:id="@+id/btnhenna"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="100dp"  
 android:text="Henna Body Art"  
 tools:layout\_editor\_absoluteX="171dp"  
 tools:layout\_editor\_absoluteY="454dp" />  
  
 <Button  
 android:id="@+id/btnspa"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="150dp"  
 android:text="Spa Service"  
 tools:layout\_editor\_absoluteX="171dp"  
 tools:layout\_editor\_absoluteY="454dp" />  
  
 <Button  
 android:id="@+id/btnbridal"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="200dp"  
 android:text="Bridal Services"  
 tools:layout\_editor\_absoluteX="171dp"  
 tools:layout\_editor\_absoluteY="454dp" />  
  
 <TextView  
 android:id="@+id/btnviewAcc"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/btnbridal"  
 android:layout\_marginTop="20dp"  
 android:gravity="center"  
 android:text="View Account Details"  
 android:textSize="20dp" />  
</RelativeLayout>

Activity\_home 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:background="#351375"  
 android:gravity="center\_vertical"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Lush Salon"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:layout\_editor\_absoluteX="83dp"  
 tools:layout\_editor\_absoluteY="164dp" />  
  
 <TextView  
 android:id="@+id/tv"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Beauty Salon Oman"  
 android:textColor="@color/white"  
 android:textSize="20dp"  
 tools:layout\_editor\_absoluteX="118dp"  
 tools:layout\_editor\_absoluteY="246dp" />  
  
 <Button  
 android:id="@+id/btn1"  
 android:layout\_width="105dp"  
 android:layout\_height="38dp"  
 android:layout\_marginEnd="156dp"  
 android:text="LOGIN"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 tools:layout\_editor\_absoluteY="346dp" />  
  
 <Button  
 android:id="@+id/btn2"  
 android:layout\_width="109dp"  
 android:layout\_height="43dp"  
 android:text="SIGN UP"  
 tools:layout\_editor\_absoluteX="151dp"  
 tools:layout\_editor\_absoluteY="412dp" />  
  
 <androidx.constraintlayout.widget.Guideline  
 android:id="@+id/guideline3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 app:layout\_constraintGuide\_begin="-15dp" />  
  
  
</LinearLayout>

Activity main/splash xml code;

*<?*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:gravity="center\_vertical"  
 tools:context=".MainActivity2"  
 android:background="@color/black">  
  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="294dp"  
 android:layout\_height="101dp"  
 android:text="Welcome to Lush Salon."  
 android:textAlignment="center"  
 android:textColor="@color/white"  
 android:textSize="30dp"  
 tools:layout\_editor\_absoluteX="58dp"  
 tools:layout\_editor\_absoluteY="154dp" />  
  
 <ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:srcCompat="@drawable/lushlogo"  
 tools:layout\_editor\_absoluteX="97dp"  
 tools:layout\_editor\_absoluteY="272dp" />  
  
</LinearLayout>