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| activity\_main.xml code:  *<?*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:background="#351375"  android:gravity="center\_vertical"  android:orientation="vertical"  tools:context=".MainActivity">   <TextView  android:id="@+id/salonname"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Lush Salon"  android:textColor="@color/white"  android:textSize="50dp"  android:gravity="center"/>   <TextView  android:id="@+id/tv"  android:text="Beauty Salon Oman"  android:textColor="@color/white"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/salonname"  android:layout\_marginTop="20dp"  android:gravity="center"  android:textSize="20dp"/>   <Button  android:id="@+id/btn1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/tv"  android:layout\_marginTop="20dp"  android:gravity="center"  android:text="LOGIN"  android:textSize="20dp" />   <Button  android:id="@+id/btn2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/btn1"  android:layout\_marginTop="20dp"  android:gravity="center"  android:text="SIGN-UP"  android:textSize="20dp" />   <TextView  android:id="@+id/btnAdmin"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/btn2"  android:layout\_marginTop="20dp"  android:gravity="center"  android:textColor="@color/white"  android:text="Admin Sign-In"  android:textSize="20dp" />   </RelativeLayout> | MainActivity.java code:  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.TextView;  public class MainActivity extends AppCompatActivity {    TextView tv1;  Button login;  Button register;  TextView adminlogin;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main*);   tv1=(TextView) findViewById(R.id.*tv*);  login=(Button) findViewById(R.id.*btn1*);  register=(Button) findViewById(R.id.*btn2*);  adminlogin=(TextView) findViewById(R.id.*btnAdmin*);     login.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent=new Intent(getApplicationContext(),LoginActivity.class);  startActivity(intent);  }  });   register.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent=new Intent(getApplicationContext(),RegisterActivity.class);  startActivity(intent);  }  });   adminlogin.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent=new Intent(getApplicationContext(), AdminLoginActivity.class);  startActivity(intent);  }  });   }   } |
| Activity\_main2.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="match\_parent"  android:layout\_height="wrap\_content"  android:text="Welcome to Lush Salon."  android:textAlignment="center"  android:textColor="@color/white"  android:textSize="30dp"  />   <ImageView  android:id="@+id/imageView"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  app:srcCompat="@drawable/lushlogo"  android:layout\_below="@+id/textView"  android:layout\_marginTop="35dp"  />  </LinearLayout> | MainActivity2.java:  package com.example.a19f19012\_week10\_p1;  import androidx.appcompat.app.AppCompatActivity;  import android.content.Intent; import android.os.Bundle; import android.os.Handler;  public class MainActivity2 extends AppCompatActivity {  Handler handler;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main2*);   handler=new Handler();  handler.postDelayed(new Runnable() {  @Override  public void run() {  Intent intent=new  Intent(MainActivity2.this,MainActivity.class);  startActivity(intent);  finish();  }  },3000);   } } |
| Activity\_login.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:orientation="vertical"  android:gravity="center\_vertical"  tools:context=".LoginActivity">   <TextView  android:id="@+id/tv3"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="LOGIN"  android:textAlignment="center"  android:textSize="25dp"  />   <EditText  android:id="@+id/name2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:ems="10"  android:inputType="textEmailAddress"  android:hint="Username"  android:layout\_below="@+id/tv3"  android:layout\_margin="20dp"  />   <EditText  android:id="@+id/pass2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:ems="10"  android:inputType="textPassword"  android:hint="Password"  android:layout\_below="@+id/name2"  android:layout\_margin="15dp"  />   <Button  android:id="@+id/submitbtn2"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Sign-In"  android:layout\_below="@+id/pass2"  android:layout\_margin="15dp"  /> </RelativeLayout> | LoginActivity.java:  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 LoginActivity extends AppCompatActivity {  EditText username, password;  Button btnlogin;  DatabaseHelper DB;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_login*);   username = (EditText) findViewById(R.id.*name2*);  password = (EditText) findViewById(R.id.*pass2*);  btnlogin = (Button) findViewById(R.id.*submitbtn2*);  DB= new DatabaseHelper(this);   btnlogin.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*(LoginActivity.this, "Please enter all the details", Toast.*LENGTH\_SHORT*).show();}  else{  Boolean checkuserpass = DB.checknamepassword(user, pass);  if(checkuserpass==true){  Toast.*makeText*(LoginActivity.this, "Signin successful", Toast.*LENGTH\_SHORT*).show();  Intent intent = new Intent(getApplicationContext(), HomeActivity.class);  startActivity(intent);  }  else{  Toast.*makeText*(LoginActivity.this, "Invalid Credentials", Toast.*LENGTH\_SHORT*).show();  }  }  }  });  } } |
| Activity\_register.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:orientation="horizontal"  android:gravity="center"  android:padding="10dp"  tools:context=".RegisterActivity">   <TextView  android:id="@+id/askname"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentBottom="true"  android:layout\_marginEnd="279dp"  android:layout\_marginRight="279dp"  android:layout\_marginBottom="555dp"  android:text="Username" />    <TextView  android:id="@+id/askpassword"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentBottom="true"  android:layout\_marginEnd="280dp"  android:layout\_marginRight="280dp"  android:layout\_marginBottom="505dp"  android:text="Password" />   <TextView  android:id="@+id/repassword"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentBottom="true"  android:layout\_marginEnd="276dp"  android:layout\_marginRight="276dp"  android:layout\_marginBottom="462dp"  android:text="Retype Password" />    <TextView  android:id="@+id/tv2"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentBottom="true"  android:layout\_marginEnd="110dp"  android:layout\_marginRight="110dp"  android:layout\_marginBottom="612dp"  android:text="REGISTER AN ACCOUNT"   />   <EditText  android:id="@+id/typename"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentBottom="true"  android:layout\_marginEnd="57dp"  android:layout\_marginRight="57dp"  android:layout\_marginBottom="550dp"  android:ems="10"  android:inputType="textPersonName"  tools:layout\_editor\_absoluteX="200dp"  tools:layout\_editor\_absoluteY="150dp" />   <EditText  android:id="@+id/typepass"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentBottom="true"  android:layout\_marginEnd="58dp"  android:layout\_marginRight="58dp"  android:layout\_marginBottom="506dp"  android:ems="10"  android:inputType="textEmailAddress"  tools:layout\_editor\_absoluteX="118dp"  tools:layout\_editor\_absoluteY="260dp" />   <EditText  android:id="@+id/typerepass"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentBottom="true"  android:layout\_marginEnd="58dp"  android:layout\_marginRight="58dp"  android:layout\_marginBottom="457dp"  android:ems="10"  android:inputType="textPassword"  tools:layout\_editor\_absoluteX="114dp"  tools:layout\_editor\_absoluteY="361dp" />   <Button  android:id="@+id/submitbtn1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="250dp"  android:text="Register"  />  <Button  android:id="@+id/clearbtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="20dp"  android:layout\_below="@+id/submitbtn1"  android:text="Clear"  />   <Button  android:id="@+id/submitbtn2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="20dp"  android:layout\_below="@+id/clearbtn"  android:text="I am an existing user! Go to sign-in page" />   <TextView  android:id="@+id/forgotbtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/submitbtn2"  android:layout\_marginTop="20dp"  android:gravity="center"  android:text="Forgot Password"  android:textSize="20dp" />   <TextView  android:id="@+id/deletebtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/forgotbtn"  android:layout\_marginTop="20dp"  android:gravity="center"  android:text="Delete Account"  android:textSize="20dp" />   </RelativeLayout> | RegisterActivity.java:  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.TextView; import android.widget.Toast;  public class RegisterActivity extends AppCompatActivity {   DatabaseHelper mDb;  EditText name, pass, repass;  TextView forgot, delete;  Button signup, signin, clear;   @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.*typename*);  pass = (EditText) findViewById(R.id.*typepass*);  repass = (EditText) findViewById(R.id.*typerepass*);   forgot = (TextView) findViewById(R.id.*forgotbtn*);  delete = (TextView) findViewById(R.id.*deletebtn*);  clear = (Button) findViewById(R.id.*clearbtn*);   *//get the ids of button* signup = (Button) findViewById(R.id.*submitbtn1*);  signin = (Button) findViewById(R.id.*submitbtn2*);   clearData();   signup.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  String user = name.getText().toString();  String pw = pass.getText().toString();  String repw= repass.getText().toString();   if(user.equals("")||pw.equals("")||repw.equals(""))  Toast.*makeText*(RegisterActivity.this, "Please enter all the details", Toast.*LENGTH\_SHORT*).show();  else{  if(pw.equals(repw)){  Boolean checkuser=mDb.checkname(user);  if(checkuser==false){  Boolean insert = mDb.insertData(user,pw);  if(insert==true){  Toast.*makeText*(RegisterActivity.this, "Registered Successfully", Toast.*LENGTH\_SHORT*).show();  Intent intent = new Intent(getApplicationContext(),HomeActivity.class);  startActivity(intent);  }else{  Toast.*makeText*(RegisterActivity.this, "Registration failed", Toast.*LENGTH\_SHORT*).show();  }  }  else{  Toast.*makeText*(RegisterActivity.this, "User already exists. Please sign-in.", Toast.*LENGTH\_SHORT*).show();  }  }  else{  Toast.*makeText*(RegisterActivity.this, "Passwords do not match", Toast.*LENGTH\_SHORT*).show();  }  }  }  });   signin.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent = new Intent(getApplicationContext(), LoginActivity.class);  startActivity(intent);  }  });  forgot.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent = new Intent(getApplicationContext(), PasswordActivity.class);  startActivity(intent);  }  });   delete.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent = new Intent(getApplicationContext(), DeleteAccActivity.class);  startActivity(intent);  }  });   }  *//clear the screen* public void clearData()  {  clear.setOnClickListener(new View.OnClickListener()  {  @Override  public void onClick(View v)  {  name.setText("");  pass.setText("");  repass.setText("");  }  });  }  } |
| Activity\_password.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"  tools:context=".PasswordActivity">   <TextView  android:id="@+id/text"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Enter your username"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>  <EditText  android:id="@+id/usernamereset"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Username"  android:layout\_below="@+id/text"  android:layout\_marginTop="50dp"/>  <Button  android:id="@+id/btnreset"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Reset Password"  android:textSize="20dp"  android:layout\_below="@+id/usernamereset"  android:layout\_marginTop="50dp"/> </RelativeLayout> | PasswordActivity.java:  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 PasswordActivity extends AppCompatActivity {  EditText username;  Button reset;  DatabaseHelper DB;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_password*);   username = (EditText) findViewById(R.id.*usernamereset*);  reset = (Button) findViewById(R.id.*btnreset*);  DB = new DatabaseHelper(this);   reset.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  String user = username.getText().toString();   Boolean checkuser = DB.checkname(user);  if(checkuser==true)  {  Intent intent = new Intent(getApplicationContext(), ResetActivity.class);  intent.putExtra("username", user);  startActivity((intent));  }else  {  Toast.*makeText*(PasswordActivity.this, "User does not exist", Toast.*LENGTH\_SHORT*).show();  }  }  });  } } |
| Activity\_reset.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"  tools:context=".ResetActivity">   <TextView  android:id="@+id/username\_reset\_text"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="50dp"  android:textSize="20dp"/>   <EditText  android:id="@+id/password\_reset"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="50dp"  android:hint="Password"  android:layout\_below="@+id/username\_reset\_text"/>   <EditText  android:id="@+id/repassword\_reset"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="50dp"  android:hint="Retype Password"  android:layout\_below="@+id/password\_reset"/>   <Button  android:id="@+id/btnconfirm"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Confirm"  android:textSize="20dp"  android:layout\_marginTop="50dp"  android:layout\_below="@+id/repassword\_reset"/> </RelativeLayout> | ResetActivity.java:  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.TextView; import android.widget.Toast;  public class ResetActivity extends AppCompatActivity {   TextView username;  EditText pass, repass;  Button confirm;  DatabaseHelper DB;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_reset*);   username = (TextView) findViewById(R.id.*username\_reset\_text*);  pass = (EditText) findViewById(R.id.*password\_reset*);  repass = (EditText) findViewById(R.id.*repassword\_reset*);  confirm = (Button) findViewById(R.id.*btnconfirm*);  DB = new DatabaseHelper(this);   Intent intent = getIntent();  username.setText(intent.getStringExtra("username"));   confirm.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {   String user = username.getText().toString();  String password = pass.getText().toString();  String repassword = repass.getText().toString();  if (password.equals(repassword)) {   Boolean checkpasswordupdate = DB.updatepassword(user, password);  if (checkpasswordupdate == true) {  Intent intent = new Intent(getApplicationContext(), LoginActivity.class);  startActivity(intent);  Toast.*makeText*(ResetActivity.this, "Password has been successfully updated!", Toast.*LENGTH\_SHORT*).show();  } else {  Toast.*makeText*(ResetActivity.this, "Password has not been updated", Toast.*LENGTH\_SHORT*).show();  }  }else  {  Toast.*makeText*(ResetActivity.this, "Passwords do not match", Toast.*LENGTH\_SHORT*).show();  }  }  });   } } |
| Activity\_home.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"  tools:context=".HomeActivity">    <TextView  android:id="@+id/tvmsg"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="50dp"  android:text="Check out our services!"  android:textAlignment="center"  android:textSize="30dp" />   <Button  android:id="@+id/btnhair"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="25dp"  android:text="Hair Care"  android:layout\_below="@+id/tvmsg"  android:textSize="20dp"/>   <Button  android:id="@+id/btnbeauty"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="25dp"  android:text="Beauty Treatments"  android:layout\_below="@+id/btnhair"  android:textSize="20dp" />   <Button  android:id="@+id/btnspa"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="25dp"  android:text="Spa Service"  android:layout\_below="@+id/btnbeauty"  android:textSize="20dp" />   </RelativeLayout> | HomeActivity.java:  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;   public class HomeActivity extends AppCompatActivity {  Button hair, beauty, spa;  DatabaseHelper DB;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_home*);   hair = (Button) findViewById(R.id.*btnhair*);  beauty = (Button) findViewById(R.id.*btnbeauty*);  spa = (Button) findViewById(R.id.*btnspa*);  DB = new DatabaseHelper(this);   hair.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent = new Intent(getApplicationContext(), HairCareActivity.class);  startActivity(intent);  }  });   beauty.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent = new Intent(getApplicationContext(), BeautyActivity.class);  startActivity(intent);  }  });   spa.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Intent intent = new Intent(getApplicationContext(), SpaActivity.class);  startActivity(intent);  }  });   } } |
| Activity\_delete.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"  tools:context=".DeleteAccActivity">   <TextView  android:id="@+id/textdel"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Enter your username and password"  android:textSize="20dp"  android:layout\_marginTop="25dp"/>  <EditText  android:id="@+id/usernamedel"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Username"  android:layout\_below="@+id/textdel"  android:layout\_marginTop="50dp"/>  <EditText  android:id="@+id/passworddel"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Password"  android:layout\_below="@+id/usernamedel"  android:layout\_marginTop="50dp"/>  <Button  android:id="@+id/btndel"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Delete Account"  android:textSize="20dp"  android:layout\_below="@+id/passworddel"  android:layout\_marginTop="50dp"/>  </RelativeLayout> | DeleteActivity.java:  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();  Boolean checkdeletedata = DB.deletedata(user);  if(checkdeletedata==true){  Toast.*makeText*(DeleteAccActivity.this, "Account has been deleted", Toast.*LENGTH\_SHORT*).show();  Intent intent = new Intent(getApplicationContext(), LoginActivity.class);  startActivity(intent);  }else{  Toast.*makeText*(DeleteAccActivity.this, "Account has not been deleted", Toast.*LENGTH\_SHORT*).show();  }  }   });   } } |

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| Activity\_admin\_login.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"  tools:context=".AdminLoginActivity">   <TextView  android:id="@+id/AdminMsg"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Enter admin username and password"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>  <EditText  android:id="@+id/AdminNamebtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Admin Username"  android:layout\_below="@+id/AdminMsg"  android:layout\_marginTop="50dp"/>  <EditText  android:id="@+id/AdminPasswordbtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Admin Password"  android:layout\_below="@+id/AdminNamebtn"  android:layout\_marginTop="50dp"/>  <Button  android:id="@+id/AdminConfirmbtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Login as Admin"  android:textSize="20dp"  android:layout\_below="@+id/AdminPasswordbtn"  android:layout\_marginTop="50dp"/>   </RelativeLayout> | AdminLoginActivity.java:  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 AdminLoginActivity extends AppCompatActivity {  EditText adminName, adminPass;  Button adminConfirm;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_admin\_login*);   adminName = (EditText) findViewById(R.id.*AdminNamebtn*);  adminPass = (EditText) findViewById(R.id.*AdminPasswordbtn*);  adminConfirm = (Button) findViewById(R.id.*AdminConfirmbtn*);   adminConfirm.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  String user = adminName.getText().toString();  String pass = adminPass.getText().toString();   if(user.equals("")||pass.equals("")){  Toast.*makeText*(AdminLoginActivity.this, "Please enter all the details", Toast.*LENGTH\_SHORT*).show();}  else{   if(user.equals("Admin") && pass.equals("000")){  Toast.*makeText*(AdminLoginActivity.this, "Signed in as Admin", Toast.*LENGTH\_SHORT*).show();  Intent intent = new Intent(getApplicationContext(), AdminPageActivity.class);  startActivity(intent);  }  else{  Toast.*makeText*(AdminLoginActivity.this, "Invalid Credentials", Toast.*LENGTH\_SHORT*).show();  }  }  }  });   } } |
| Activity\_admin\_page.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"  tools:context=".AdminPageActivity">   <TextView  android:id="@+id/ViewDataBtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="260dp"  android:gravity="center"  android:text="View User Data"  android:textSize="20dp" />  <EditText  android:id="@+id/AdminDeledit"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Enter username to delete user"  android:textSize="20dp"  android:layout\_below="@+id/ViewDataBtn"  android:layout\_marginTop="50dp"/>  <Button  android:id="@+id/AdminDelbtn"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Delete Account"  android:textSize="20dp"  android:layout\_below="@+id/AdminDeledit"  android:layout\_marginTop="50dp"/>  </RelativeLayout> | AdminPageActivity.java:  package com.example.a19f19012\_week10\_p1;  import androidx.appcompat.app.AlertDialog; import androidx.appcompat.app.AppCompatActivity;  import android.database.Cursor; import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText; import android.widget.TextView; import android.widget.Toast;  public class AdminPageActivity extends AppCompatActivity {   TextView adminView;  DatabaseHelper DB;  EditText adminDeleteUser;  Button adminDeletebtn;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_admin\_page*);   adminView = (TextView) findViewById(R.id.*ViewDataBtn*);  DB = new DatabaseHelper(this);  adminDeleteUser = (EditText) findViewById(R.id.*AdminDeledit*);  adminDeletebtn = (Button) findViewById(R.id.*AdminDelbtn*);   adminView.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  Cursor res = DB.getdata();  if(res.getCount()==0){  Toast.*makeText*(AdminPageActivity.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(AdminPageActivity.this);  builder.setCancelable(true);  builder.setTitle("User details: ");  builder.setMessage(buffer.toString());  builder.show();  }  });   adminDeletebtn.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  String user = adminDeleteUser.getText().toString();  Boolean checkdeletedata = DB.deletedata(user);  if(checkdeletedata==true){  Toast.*makeText*(AdminPageActivity.this, "User has been deleted", Toast.*LENGTH\_SHORT*).show();  }else{  Toast.*makeText*(AdminPageActivity.this, "User has not been deleted", Toast.*LENGTH\_SHORT*).show();  }  }   });  } } |
| Activity\_hair\_care.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:orientation="vertical"  android:gravity="center"  tools:context=".HairCareActivity">   <TextView  android:id="@+id/tvhc0"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Here are our hair care services:"  android:textAlignment="center"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>    <RadioGroup  android:id="@+id/radio\_group"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/tvhc0"  android:layout\_marginTop="50dp">   <RadioButton  android:id="@+id/rbhc1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Haircut - 6 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbhc2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Root Color - 15 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbhc3"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Keratine - 50 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbhc4"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Hair Spa - 10 OMR"  android:textSize="20dp" />   </RadioGroup>   <Button  android:id="@+id/rbhc5"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Confirm"  android:layout\_below="@+id/radio\_group"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>   </RelativeLayout> | Haircareactvity.java:  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 {   RadioGroup radioGroup;  Button confirmbtn;    @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, "Root Color has been selected", Toast.*LENGTH\_SHORT*).show();  break;  case R.id.*rbhc3*:  Toast.*makeText*(HairCareActivity.this, "Keratine has been selected", Toast.*LENGTH\_SHORT*).show();  break;  case R.id.*rbhc4*:  Toast.*makeText*(HairCareActivity.this, "Hair Spa has been selected", Toast.*LENGTH\_SHORT*).show();  break;  }  }  });   confirmbtn.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  radioGroup.clearCheck();  }  });    } } |
| Activity\_beauty.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"  tools:context=".BeautyActivity">  <TextView  android:id="@+id/tvbeau0"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Here are our beauty treatments:"  android:textAlignment="center"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>    <RadioGroup  android:id="@+id/radio\_group\_beauty"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/tvbeau0"  android:layout\_marginTop="50dp">   <RadioButton  android:id="@+id/rbbeau1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Manicure - 6 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbbeau2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Pedicure - 9 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbbeau3"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Paraffin Manicure - 10 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbbeau4"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Spa Pedicure - 18 OMR"  android:textSize="20dp" />   </RadioGroup>   <Button  android:id="@+id/rbbeau5"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Confirm"  android:layout\_below="@+id/radio\_group\_beauty"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>  </RelativeLayout> | BeautyActivity.java:  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.RadioGroup; import android.widget.Toast;  public class BeautyActivity extends AppCompatActivity {   RadioGroup radioGroup;  Button confirmbtn;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_beauty*);   radioGroup = findViewById(R.id.*radio\_group\_beauty*);  confirmbtn = (Button) findViewById(R.id.*rbbeau5*);   radioGroup.setOnCheckedChangeListener(new RadioGroup.OnCheckedChangeListener() {  @Override  public void onCheckedChanged(RadioGroup group, int checkedId) {  switch (checkedId){  case R.id.*rbbeau1*:  Toast.*makeText*(BeautyActivity.this, "Manicure has been selected", Toast.*LENGTH\_SHORT*).show();  break;  case R.id.*rbbeau2*:  Toast.*makeText*(BeautyActivity.this, "Pedicure has been selected", Toast.*LENGTH\_SHORT*).show();  break;  case R.id.*rbbeau3*:  Toast.*makeText*(BeautyActivity.this, "Paraffin Manicure has been selected", Toast.*LENGTH\_SHORT*).show();  break;  case R.id.*rbbeau4*:  Toast.*makeText*(BeautyActivity.this, "Spa Pedicure has been selected", Toast.*LENGTH\_SHORT*).show();  break;  }  }  });   confirmbtn.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  radioGroup.clearCheck();  }  });  } } |
| Activity\_spa.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:orientation="vertical"  android:gravity="center"  tools:context=".SpaActivity">  <TextView  android:id="@+id/tvspa0"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Here are our spa services:"  android:textAlignment="center"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>    <RadioGroup  android:id="@+id/radio\_group\_spa"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_below="@+id/tvspa0"  android:layout\_marginTop="50dp">   <RadioButton  android:id="@+id/rbspa1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Back Massage - 10 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbspa2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Neck, Head, Shoulder - 10 OMR"  android:textSize="20dp" />   <RadioButton  android:id="@+id/rbspa3"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Full Body - 20 OMR"  android:textSize="20dp" />   </RadioGroup>   <Button  android:id="@+id/rbspa4"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Confirm"  android:layout\_below="@+id/radio\_group\_spa"  android:textSize="20dp"  android:layout\_marginTop="50dp"/>  </RelativeLayout> | Spa\_Activity.java:  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.RadioGroup; import android.widget.Toast;  public class SpaActivity extends AppCompatActivity {  RadioGroup radioGroup;  Button confirmbtn;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_spa*);   radioGroup = findViewById(R.id.*radio\_group\_spa*);  confirmbtn = (Button) findViewById(R.id.*rbspa4*);   radioGroup.setOnCheckedChangeListener(new RadioGroup.OnCheckedChangeListener() {  @Override  public void onCheckedChanged(RadioGroup group, int checkedId) {  switch (checkedId){  case R.id.*rbspa1*:  Toast.*makeText*(SpaActivity.this, "Back massage has been selected", Toast.*LENGTH\_SHORT*).show();  break;  case R.id.*rbspa2*:  Toast.*makeText*(SpaActivity.this, "Neck, Head, Shoulder massage has been selected", Toast.*LENGTH\_SHORT*).show();  break;  case R.id.*rbspa3*:  Toast.*makeText*(SpaActivity.this, "Full Body massage has been selected", Toast.*LENGTH\_SHORT*).show();  break;   }  }  });   confirmbtn.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  radioGroup.clearCheck();  }  });  } } |
| Layout.xml:  *<?*xml version="1.0" encoding="utf-8"*?>* <menu xmlns:android="http://schemas.android.com/apk/res/android"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  xmlns:app="http://schemas.android.com/apk/res-auto"  >  <item android:id="@+id/action\_settings"  android:orderInCategory="80"  android:title="My Menu Item!"  app:showAsAction="never"/> </menu> |  |
|  | DataBaseHelper.java:  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;  }  } |
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