

activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="monospace"
        android:text="@string/welcome_to_dashboard"
        android:textColor="#673AB7"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.050000012" />

    <Button
        android:id="@+id/logout"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="60dp"
        android:layout_marginEnd="60dp"
        android:fontFamily="monospace"
        android:text="@string/logout"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/imageView"
    />

```

activity_login_page

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/a
    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="@drawable/wallpaper"
    tools:context=".LoginPage">

    <TextView
        android:id="@+id/rTitle"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:fontFamily="monospace"
        android:text="@string/authenticator_app"
        android:textAlignment="center"
        android:textColor="#EF6C00"
        android:textSize="34sp"

        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"

        app:layout_constraintVertical_bias="0.069999999" />

    <TextView
        android:id="@+id/createAct"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="monospace"
        android:text="@string/create_new_account"
        android:textColor="@color/white"

```

```

<ImageView
    android:id="@+id/imageView"
    android:layout_width="142dp"
    android:layout_height="126dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView"
    app:layout_constraintVertical_bias="0.16000003"
    app:srcCompat="@drawable/user"
    android:contentDescription="@string/todo" />

<TextView
    android:id="@+id/userName"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginEnd="16dp"
    android:fontFamily="monospace"
    android:text="@string/your_name"
    android:textColor="@color/purple_500"
    app:layout_constraintBottom_toTopOf="@+id/logout"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toEndOf="@+id/imageView"
    app:layout_constraintTop_toBottomOf="@+id/textView"
    app:layout_constraintVertical_bias="0.25" />

<TextView
    android:id="@+id/userEmail"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="12dp"
    android:layout_marginEnd="16dp"
    android:fontFamily="monospace"
    android:text="@string/your_email_address"
    android:textColor="@color/purple_500"
    app:layout_constraintBottom_toTopOf="@+id/logout"

```

```

    app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintStart_toStartOf="parent"

    app:layout_constraintTop_toBottomOf="@+id/rTitle"

    app:layout_constraintVertical_bias="0.00999999" />

    <EditText
        android:id="@+id/emaileDT"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="16dp"
        android:layout_marginEnd="16dp"
        android:autoFillHints=""
        android:background="@color/orange"
        android:ems="10"
        android:fontFamily="monospace"
        android:hint="@string/enter_your_email_id"
        android:inputType="textEmailAddress"
        android:minHeight="48dp"
        android:padding="10sp"
        android:textColor="@color/grey_ish"
        android:textColorHint="@color/grey_ish"
        android:textSize="20sp"

    app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintStart_toStartOf="parent"

    app:layout_constraintTop_toBottomOf="@+id/createAct
"
        app:layout_constraintVertical_bias="0.13"
    />

    <EditText
        android:id="@+id/passwordEDT"

```

```

app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toEndOf="@+id/imageView"
app:layout_constraintTop_toBottomOf="@+id/userName"
app:layout_constraintVertical_bias="0.00999999" />

```

<TextView

```

    android:id="@+id/userPhone"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="12dp"
    android:layout_marginEnd="16dp"
    android:fontFamily="monospace"
    android:text="@string/your_phone_no"
    android:textColor="@color/purple_500"
    app:layout_constraintBottom_toTopOf="@+id/logout"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toEndOf="@+id/imageView"
    app:layout_constraintTop_toBottomOf="@+id/userEmail"
    app:layout_constraintVertical_bias="0.0" />

```

</androidx.constraintlayout.widget.ConstraintLayout>

activity_register_page.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/wallpaper"
    tools:context=".RegisterPage">

```

```

    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="16dp"
    android:autofillHints=""
    android:background="@color/orange"
    android:ems="10"
    android:fontFamily="monospace"
    android:hint="@string/enter_password"
    android:inputType="textPassword"
    android:minHeight="48dp"
    android:padding="10sp"
    android:textColor="@color/grey_ish"
    android:textColorHint="@color/grey_ish"
    android:textSize="20sp"

```

```

app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

```

```

app:layout_constraintStart_toStartOf="parent"

```

```

app:layout_constraintTop_toBottomOf="@+id/emaileDT"
    app:layout_constraintVertical_bias="0.0" />

```

<Button

```

    android:id="@+id/lbutton"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="24dp"
    android:layout_marginEnd="16dp"
    android:background="@color/grey_ish"
    android:fontFamily="monospace"
    android:text="@string/login"
    android:textColor="@color/orange"
    android:textSize="20sp"

```

```

app:layout_constraintBottom_toBottomOf="parent"

```

```

<TextView
    android:id="@+id/rTitle"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:fontFamily="monospace"
    android:text="@string/authenticator_app"
    android:textAlignment="center"
    android:textColor="@color/orange"
    android:textSize="34sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.06999999" />

<TextView
    android:id="@+id/createAct"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:fontFamily="monospace"
    android:text="@string/create_new_account"
    android:textColor="@color/white"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/rTitle"
    app:layout_constraintVertical_bias="0.00999999" />

<EditText
    android:id="@+id/nameEDT"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="60dp"
    android:layout_marginEnd="16dp"
    android:background="@color/orange"
    android:ems="10"
    android:fontFamily="monospace"
    android:hint="@string/enter_your_name"

```

```

    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/passwordEDT"
    app:layout_constraintVertical_bias="0.0" />

    <TextView
        android:id="@+id/registerTV"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="16dp"
        android:fontFamily="monospace"
        android:text="@string/don_t_have_an_account_register_here"
        android:textColor="@color/white"
        android:textSize="16sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/lbutton"
        app:layout_constraintVertical_bias="0.0" />

    <TextView
        android:id="@+id/forgotPassTV"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="monospace"
        android:text="Forgot Password"
        android:textColor="@color/white"
        android:textSize="16sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"

```

```

        android:inputType="textPersonName"
        android:minHeight="48dp"
        android:padding="10sp"
        android:text=""
        android:textColor="@color/grey_ish"
        android:textColorHint="@color/grey_ish"
        android:textSize="20sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/createAct"
        app:layout_constraintVertical_bias="0.0"
        android:autofillHints="" />

<EditText
    android:id="@+id/emaileDT"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="16dp"
    android:background="@color/orange"

app:layout_constraintTop_toBottomOf="@+id/emaileDT"
    app:layout_constraintVertical_bias="0.0" />

<EditText
    android:id="@+id/phoneEDT"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="16dp"
    android:background="@color/orange"
    android:ems="10"
    android:fontFamily="monospace"
    android:hint="@string/enter_your_phone_no"
    android:inputType="phone"
    android:minHeight="48dp"

```

```

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/registerT
v"

app:layout_constraintVertical_bias="0.100000024" />

<ProgressBar
    android:id="@+id/progressBar"
    style="?android:attr/progressBarStyle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:visibility="invisible"

app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/forgotPas
sTV" />

</androidx.constraintlayout.widget.ConstraintLayout
>

```

activity_register_page.xml

```

android:ems="10"
    android:fontFamily="monospace"
    android:hint="@string/enter_your_name"
    android:inputType="textPersonName"
    android:minHeight="48dp"
    android:padding="10sp"
    android:text=""
    android:textColor="@color/grey_ish"
    android:textColorHint="@color/grey_ish"
    android:textSize="20sp"

```

```

        android:padding="10sp"
        android:textColor="@color/grey_ish"
        android:textColorHint="@color/grey_ish"
        android:textSize="20sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/passwordEDT"
    app:layout_constraintVertical_bias="0.0"
    android:autofillHints="" />

<Button
    android:id="@+id/register_button"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="24dp"
    android:layout_marginEnd="16dp"
    android:background="@color/grey_ish"
    android:fontFamily="monospace"
    android:text="@string/register"

```

LoginPage.java

```

package com.example.authenticatorapp;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.content.DialogInterface;
import android.content.Intent;

```

```

        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/createAct
"
    app:layout_constraintVertical_bias="0.0"
    android:autofillHints="" />

<EditText
    android:id="@+id/emaileDT"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="16dp"
    android:layout_marginTop="16dp"
    android:layout_marginEnd="16dp"
    android:background="@color/orange"
    android:ems="10"
    android:fontFamily="monospace"
    android:hint="@string/enter_your_email_id"
    android:inputType="textEmailAddress"
    android:minHeight="48dp"
    android:padding="10sp"
    android:textColor="@color/grey_ish"
    android:textColorHint="@color/grey_ish"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"

```

```

    android:textSize="20sp"

app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/phoneEDT"
    app:layout_constraintVertical_bias="0.0" />

```

```

import android.os.Bundle;
import android.text.TextUtils;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

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 LoginPage extends AppCompatActivity {

    private EditText email,password;
    private TextView createBtn,forgotpass;
    private Button loginBtn;
    private ProgressBar lpbar;
    private FirebaseAuth fAuth;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        requestWindowFeature(Window.FEATURE_NO_TITLE);
        this.getWindow().setFlags
(WindowManager.LayoutParams.
    FLAG_FULLSCREEN,
    WindowManager.LayoutParams.FLAG_FULLSCREEN);
        getSupportActionBar().hide();
        setContentView(R.layout.activity_login_page);
        loginBtn=findViewById(R.id.lbutton);
        lpbar=findViewById(R.id.progressBar);
        email=findViewById(R.id.emailEDT);

```

```

<TextView
    android:id="@+id/loginTV"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="16dp"
    android:fontFamily="monospace"

    android:text="@string/already_have_an_account_login_
_here"
    android:textColor="@color/white"
    android:textSize="16sp"

    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintStart_toStartOf="parent"

    app:layout_constraintTop_toBottomOf="@+id/register_
_button"
    app:layout_constraintVertical_bias="0.0" />

<ProgressBar
    android:id="@+id/progressBar"
    style="?android:attr/progressBarStyle"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:visibility="invisible"

    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

    app:layout_constraintStart_toStartOf="parent"

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

```

```

password=findViewById(R.id.passwordEDT);
createBtn=findViewById(R.id.registerTV);
fAuth = FirebaseAuth.getInstance();
forgotpass=findViewById(R.id.forgotPassTV);

loginBtn.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View view) {
        String eMail =
email.getText().toString().trim();
        String passWord =
password.getText().toString().trim();

        if (TextUtils.isEmpty(eMail) &&
TextUtils.isEmpty(passWord)) {
            email.setError("Email
            is required");
            password.setError("Password
            is required");
            return;
        }

        if (TextUtils.isEmpty(eMail)) {
            email.setError("Email is required");
            return;
        }

        if (TextUtils.isEmpty(passWord)) {
            password.setError("Password
            is required");
            return;
        }

        if (passWord.length() < 5) {
            password.setError("Password
            must be at least of 5 characters");
            return;
        }
    }
}

```

RegisterPage.xml

```

package com.example.authenticatorapp;

import static android.content.ContentValues.TAG;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.text.TextUtils;
import android.util.Log;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

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;
import com.google.firebase.firestore.DocumentReference;
import com.google.firebase.firestore.FirebaseFirestore;

import java.util.HashMap;
import java.util.Map;

```



```

        lpbar.setVisibility(View.VISIBLE);

        // authenticate the user
        fAuth.signInWithEmailAndPassword
(eMail,passWord).addOnCompleteListener(new
OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull
Task<AuthResult> task) {
                if(task.isSuccessful()){
                    Toast.makeText(LoginPage.this,
"Logged In Successfully.", Toast.LENGTH_SHORT).show();
                    startActivity(new
Intent(getApplicationContext(), MainActivity.class));
                }
                else{
                    Toast.makeText(LoginPage.this,
"Error! " + task.getException().getMessage(),
Toast.LENGTH_SHORT).show();
                    lpbar.setVisibility(View.GONE);
                }
            }
        });

        createBtn.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                lpbar.setVisibility(view.VISIBLE);
                startActivity(new
Intent(getApplicationContext(), RegisterPage.class));
            }
        });

        forgotpass.setOnClickListener(new

```

```

public class RegisterPage extends AppCompatActivity
{
    private TextView
register_title,titleDown,loginbtn;
    private EditText
fullName,email,password,phone_no;
    private Button registerButton;
    private ProgressBar rpbar;
    private FirebaseAuth fAuth;
    private FirebaseFirestore fStore;
    String userID;

    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);

        requestWindowFeature(Window.FEATURE_NO_TITLE);

        this.getWindow().setFlags(WindowManager.LayoutParams.
FLAG_FULLSCREEN,WindowManager.LayoutParams.FLAG_FUL
LSCREEN);

        getSupportActionBar().hide();

        setContentView(R.layout.activity_register_page);
        register_title=findViewById(R.id.rTitle);
        titleDown=findViewById(R.id.createAct);
        fullName=findViewById(R.id.nameEDT);
        email=findViewById(R.id.emailedT);
        password=findViewById(R.id.passwordEDT);
        phone_no=findViewById(R.id.phoneEDT);

        registerButton=findViewById(R.id.register_button);
        rpbar=findViewById(R.id.progressBar);
        fAuth = FirebaseAuth.getInstance();
        loginbtn=findViewById(R.id.loginTV);

```

```

View.OnClickListener() {
    @Override
    public void onClick(View view) {
        EditText resetMail = new
EditText((view.getContext()));
        AlertDialog.Builder
passwordResetDialog = new
AlertDialog.Builder((view.getContext()));
        passwordResetDialog.setTitle("Reset
Password?");
        passwordResetDialog.setMessage("Enter Your
Email To Receive Reset Link");
        passwordResetDialog.setView(resetMail);

        passwordResetDialog.setPositiveButton
("Yes", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface
dialogInterface, int i) {
                // extract the email and send reset
link

                String mail =
resetMail.getText().toString();
                FirebaseAuth.sendPasswordResetEmail(mail)
.addOnSuccessListener(new OnSuccessListener<Void>() {
                    @Override
                    public void onSuccess(Void
unused) {

                        Toast.makeText(LoginPage.this, "Reset Link Sent To Your
Email", Toast.LENGTH_SHORT).show();
                    }
                }).addOnFailureListener(new
OnFailureListener() {
                    @Override
                    public void onFailure(@NonNull
Exception e) {

```

```

        firestore=FirebaseFirestore.getInstance();

        if(fAuth.getCurrentUser() != null){
            startActivity(new
Intent(getApplicationContext(),MainActivity.class))
;
            finish();
        }

        registerButton.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String eMail =
email.getText().toString().trim();
                String passWord =
password.getText().toString().trim();
                String name =
fullName.getText().toString();
                String phno =
phone_no.getText().toString();

                if (TextUtils.isEmpty(eMail) &&
TextUtils.isEmpty(passWord) &&
TextUtils.isEmpty(name) &&
TextUtils.isEmpty(phno)) {
                    email.setError("Email is
required");
                    password.setError("Password is
required");
                    fullName.setError("Name is
required");
                    phone_no.setError("Phone No. is
required");
                    return;
                }

                if (TextUtils.isEmpty(name)) {

```

```

Toast.makeText(LoginPage.this, "Error! Reset Link Is Not
Sent"+e.getMessage(), Toast.LENGTH_SHORT).show();
    }
    });
    }
    });

    passwordResetDialog.setNegativeButton("No",
new DialogInterface.OnClickListener() {
    @Override
    public void onClick(DialogInterface
dialogInterface, int i) {
        //close the dialog
    }
    });
    passwordResetDialog.create().show();
}
});
}
}

```

MainActivity.java

```

package com.example.authenticatorapp;

import static android.service.controls.
ControlsProviderService.TAG;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.view.View;

```

```

        fullName.setError("Name is
required");
        return;
    }

    if (TextUtils.isEmpty(eMail)){
        email.setError("Email is
required");
        return;
    }

    if (TextUtils.isEmpty(passWord)){
        password.setError("Password is
required");
        return;
    }

    if (passWord.length() < 5){
        password.setError("Password
must be at least of 5 characters");
        return;
    }

    if (TextUtils.isEmpty(phno)){
        phone_no.setError("Phone No. is
required");
        return;
    }

    if (phno.length() < 10 ||
phno.length() > 10){
        phone_no.setError("Invalid
Phone No.");
        return;
    }

    rpbar.setVisibility(View.VISIBLE);

    // register user in firebase

```

```

import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.TextView;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.firestore.DocumentReference;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.EventListener;
import com.google.firebase.firestore.FirebaseFirestore;
import com.google.firebase.firestore.FirebaseFirestoreException;
import com.google.firebase.firestore.QueryDocumentSnapshot;
import com.google.firebase.firestore.QuerySnapshot;

public class MainActivity extends AppCompatActivity {

    private TextView uName,uEmail,uPhone;
    private Button logout;
    FirebaseAuth fAuth;
    FirebaseFirestore fStore;
    String userID;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        requestWindowFeature(Window.FEATURE_NO_TITLE);
        this.getWindow().setFlags(WindowManager.
LayoutParams.FLAG_FULLSCREEN,WindowManager.LayoutParams.FLAG_
FULLSCREEN);
        getSupportActionBar().hide();
        setContentView(R.layout.activity_main);

        uName = findViewById(R.id.userName);
        uEmail = findViewById(R.id.userEmail);
        uPhone = findViewById(R.id.userPhone);
        logout = findViewById(R.id.logout);

```

```

fAuth.createUserWithEmailAndPassword
(email,password).addOnCompleteListener((task -> {
                                if (task.isSuccessful()) {

Toast.makeText(RegisterPage.this, "User Created.",
Toast.LENGTH_SHORT).show();

userID=fAuth.getCurrentUser().getUid();
                                Map<String,Object> user =
                                new HashMap<>();

                                user.put("fName",fullName.getText().toString());

                                user.put("email",email.getText().toString());

                                user.put("phone",phone_no.getText().toString());

                                fStore.collection("users").add(user).addOnSuccessLi
                                stener(new OnSuccessListener<DocumentReference>() {
                                        @Override
                                        public void
                                onSuccess(DocumentReference documentReference) {

Log.d("sORf","DocumentSnapShot added with ID:
"+documentReference.getId());
                                }
                                }).addOnFailureListener(new
OnFailureListener() {
                                        @Override
                                        public void
                                onFailure(@NonNull Exception e) {
                                        Log.w("sORf","Error
                                adding document",e);
                                }
                                });
                                startActivity(new
                                Intent(getApplicationContext(),
                                MainActivity.class));

```

```

        fStore = FirebaseFirestore.getInstance();
        fAuth = FirebaseAuth.getInstance();
        userID = fAuth.getCurrentUser().getUid();

fStore.collection("users").get().addOnCompleteListener(new
OnCompleteListener<QuerySnapshot>() {
    @Override
        public void onComplete(@NonNull
Task<QuerySnapshot> task) {
            if (task.isSuccessful()) {
                for (QueryDocumentSnapshot
document : task.getResult()) {
                    Log.d(TAG, document.getId() +
" => " + document.getData());
                }
            } else {
                Log.w(TAG, "Error getting
documents.", task.getException());
            }
        }
    });

logout.setOnClickListener(new View.OnClickListener()
{
    @Override
    public void onClick(View view) {
        FirebaseAuth.getInstance().signOut();
        startActivity(new
Intent(getApplicationContext(), LoginPage.class));
        finish();
    }
});
}
}

```

AndroidManifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest

```

```

        } else {
Toast.makeText(RegisterPage.this, "Error! " +
task.getException().getMessage(),
Toast.LENGTH_SHORT).show();

rpbar.setVisibility(View.GONE);
        }
    });

    });
    loginbtn.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View view) {
        rpbar.setVisibility(view.VISIBLE);
        startActivity(new
Intent(getApplicationContext(), LoginPage.class));
    }
});
}
}

```

Strings.xml

```

<resources>
    <string
name="app_name">AuthenticatorApp</string>
    <string name="authenticator_app">Authenticator
App</string>
    <string name="enter_your_name">Enter Your
Name</string>
    <string name="create_new_account">Create New

```

```

xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.authenticatorapp"

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.AuthenticatorApp">
        <activity
            android:name=".LoginPage"
            android:exported="false" />
        <activity
            android:name=".RegisterPage"
            android:exported="true">
            <intent-filter>
                <action
                    android:name="android.intent.action.MAIN" />

                <category
                    android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action
                    android:name="android.intent.action.MAIN" />

                <category
                    android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>

```

```

Account</string>
    <string name="enter_your_email_id">Enter Your
Email ID</string>
    <string name="enter_password">Enter
Password</string>
    <string name="enter_your_phone_no">Enter Your
Phone No</string>
    <string name="register">Register</string>
    <string
name="already_have_an_account_login_here">Already
Have An Account? Login Here</string>
    <string name="login">Login</string>
    <string
name="don_t_have_an_account_register_here">Don\'t
Have An Account? Register Here</string>
    <string name="login_here">Login Here</string>
    <string name="register_here">Register
Here</string>
    <string name="welcome_to_dashboard">Welcome To
Dashboard</string>
    <string name="logout">Logout</string>
    <string name="todo">TODO</string>
    <string name="textview">TextView</string>
    <string name="your_name">Your Name</string>
    <string name="your_email_address">Your Email
Address</string>
    <string name="your_phone_no">Your Phone
No</string>
</resources>

```