

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/bg3"
    android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Login"
        android:textSize="50sp"
        android:textColor="#ff000000"
        android:textStyle="bold"/>

    <EditText
        android:id="@+id/username_input"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Username"
        android:inputType="text"
        android:textStyle="bold"
        android:textSize="27sp"
        android:textColor="#ff000000"/>

    <EditText
        android:id="@+id/password_input"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Password"
        android:inputType="textPassword"
        android:textStyle="bold"
        android:textSize="27sp"
        android:textColor="#ff000000"/>

    <Button
        android:id="@+id/login_button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Login"
        android:textSize="24sp"/>

</LinearLayout>
```

LoginActivity.java

```
package com.example.schedule;
```

```
import....
```

```
public class MainActivity extends AppCompatActivity {
```

```
    TextView createnewAccount;
```

```
    EditText inputEmail, inputPassword;
```

```
    Button btnLogin;
```

```
    String emailPattern = "[a-zA-Z0-9._-]+@[a-z]+\\.+[a-z]+";
```

```
    ProgressDialog progressDialog;
```

```
    FirebaseAuth mAuth;
```

```
    FirebaseUser mUser;
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        createnewAccount = findViewById(R.id.createNewAccount);
```

```
        getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,  
WindowManager.LayoutParams.FLAG_FULLSCREEN);
```

```
        inputEmail = findViewById(R.id.inputEmail);
```

```
        inputPassword = findViewById(R.id.inputPassword);
```

```
        btnLogin = findViewById(R.id.btnLogin);
```

```
        progressDialog = new ProgressDialog(this);
```

```
        mAuth = FirebaseAuth.getInstance();
```

```
        mUser = mAuth.getCurrentUser();
```

```
        createnewAccount.setOnClickListener(new View.OnClickListener() {
```

```
            @Override
```

```
            public void onClick(View v) {
```

```
                startActivity(new Intent(MainActivity.this, LoginActivity.class));
```

```
            }
```

```
        });
```

```
        btnLogin.setOnClickListener(new View.OnClickListener() {
```

```
            @Override
```

```
            public void onClick(View v) {
```

```
                performLogin();
```

```

    }
    });

}

private void performLogin() {
    String email = inputEmail.getText().toString();
    String Password = inputPassword.getText().toString();
    Toast.makeText(this, "button clicked", Toast.LENGTH_SHORT).show();

    if (!email.matches(emailPattern)) {
        inputEmail.setError("Enter Context Email");

    } else if (Password.isEmpty() || Password.length() < 6) {
        inputPassword.setError("Enter Proper Password");
    } else {
        progressDialog.setMessage("Please Wait While Login...");
        progressDialog.setTitle("Login");
        progressDialog.setCanceledOnTouchOutside(false);
        progressDialog.show();

        mAuth.signInWithEmailAndPassword(email, Password).addOnCompleteListener(new
OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull Task<AuthResult> task) {
                if (task.isSuccessful())
                {
                    progressDialog.dismiss();
                    sendUserToNextActivity();
                    Toast.makeText(MainActivity.this, "Login Successful",
Toast.LENGTH_SHORT).show();

                } else {
                    progressDialog.dismiss();
                    Toast.makeText(MainActivity.this, ""+task.getException(),
Toast.LENGTH_SHORT).show();
                    Log.d("Exception,", task.getException().toString());
                }

            }

        });
    }
}

```

```

private void sendUserToNextActivity() {
    Intent intent=new Intent(MainActivity.this,Dashboard.class);

    intent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK|Intent.FLAG_ACTIVITY_NEW_TASK
);
    startActivity(intent);
}
}

```

REGISTRATION PAGE

```

<?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"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">

    <ImageView
        android:id="@+id/logo_image_view"
        android:layout_width="213dp"
        android:layout_height="158dp"
        android:layout_gravity="center_horizontal"
        android:contentDescription="Logo"
        android:src="@drawable/LOGO1" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="WE CAN WE WIL FDN"
        android:textSize="24sp"
        android:textStyle="bold"
        android:layout_gravity="center"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Sign Up"
        android:textSize="20sp"
        android:textStyle="bold"
        android:layout_gravity="center"
        android:layout_marginTop="10dp"/>

```

```
<EditText
    android:id="@+id/name_edit_text"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Name"
    android:inputType="textPersonName"
    android:minHeight="48dp" />
```

```
<EditText
    android:id="@+id/email_edit_text"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Email"
    android:inputType="textEmailAddress"
    android:minHeight="48dp" />
```

```
<EditText
    android:id="@+id/number_edit_text"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Mobile number"
    android:inputType="phone"
    android:minHeight="48dp" />
```

```
<EditText
    android:id="@+id/password_edit_text"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Password"
    android:inputType="textPassword"
    android:minHeight="48dp" />
```

```
<Button
    android:id="@+id/sign_up_button"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Sign Up" />
```

```
<Button
    android:id="@+id/login_button"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Log in" />
```

```
</LinearLayout>
```

Register.java

```
package com.example.schedule;
```

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

```
import android.annotation.SuppressLint;
import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;
```

```
import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
```

```
public class LoginActivity extends AppCompatActivity {
    TextView alreadyHaveanaccount;
    EditText inputEmail, inputPassword, inputConfirmPassword;
    Button btnRegister;
```

```
String emailPattern = "[a-zA-Z0-9._-]+@[a-z]+\\.+[a-z]+";
ProgressDialog progressDialog;
```

```
FirebaseAuth mAuth;
FirebaseUser mUser;
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_login);
    alreadyHaveanaccount=findViewById(R.id.alreadyHaveanaccount);

    inputEmail=findViewById(R.id.inputEmail);
    inputPassword=findViewById(R.id.inputPassword);
    inputConfirmPassword=findViewById(R.id.inputConfirmPassword);
    btnRegister=findViewById(R.id.btnRegister);
    progressDialog=new ProgressDialog(this);
    mAuth=FirebaseAuth.getInstance();
    mUser=mAuth.getCurrentUser();
}
```

```

alreadyHaveanaccount.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        startActivity(new Intent(LoginActivity.this,MainActivity.class));
    }
});

```

```

btnRegister.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        PerformAuth();
    }
});

```

```

}

```

```

private void PerformAuth() {
    String email=inputEmail.getText().toString();
    String Password=inputPassword.getText().toString();
    String ConfirmPassword=inputConfirmPassword.getText().toString();

```

```

    if (!email.matches(emailPattern))
    {
       inputEmail.setError("Enter Context Email");

```

```

    }else if (Password.isEmpty()|| Password.length()<6)
    {

```

```

        inputPassword.setError("Enter Proper Password");
    }else if (!Password.equals(ConfirmPassword))
    {
        inputConfirmPassword.setError("Password not match both field");

```

```

    }else
    {
        progressDialog.setMessage("Please Wait While Registration...");
        progressDialog.setTitle("Registration");
        progressDialog.setCanceledOnTouchOutside(false);
        progressDialog.show();

```

```

mAuth.createUserWithEmailAndPassword(email,Password).addOnCompleteListener(new
OnCompleteListener<AuthResult>() {
    @Override

```

```

    public void onComplete(@NonNull Task<AuthResult> task) {
        if (task.isSuccessful())
        {

            progressDialog.dismiss();
            sendUserToNextActivity();
            Toast.makeText(LoginActivity.this, "Registration Successful",
Toast.LENGTH_SHORT).show();

        } else {
            progressDialog.dismiss();
            Toast.makeText(LoginActivity.this, ""+task.getException(),
Toast.LENGTH_SHORT).show();
        }
    }
});

}

}

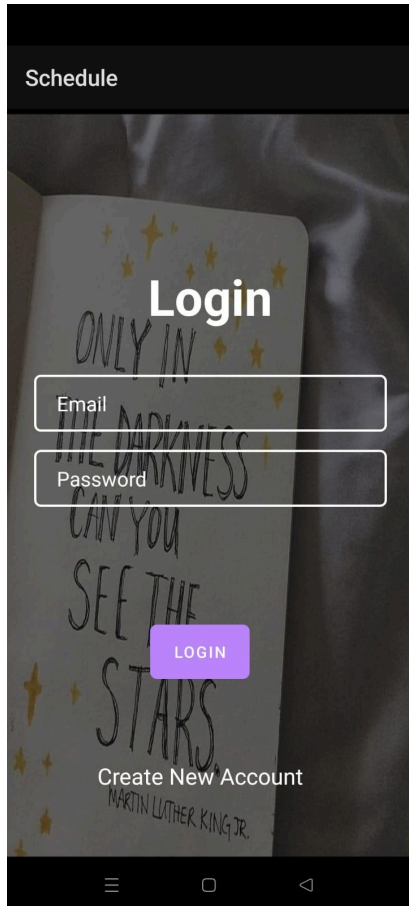
private void sendUserToNextActivity() {
    Intent intent=new Intent(LoginActivity.this,Dashboard.class);

    intent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK|Intent.FLAG_ACTIVITY_NEW_TASK
);
    startActivity(intent);
}
}

```

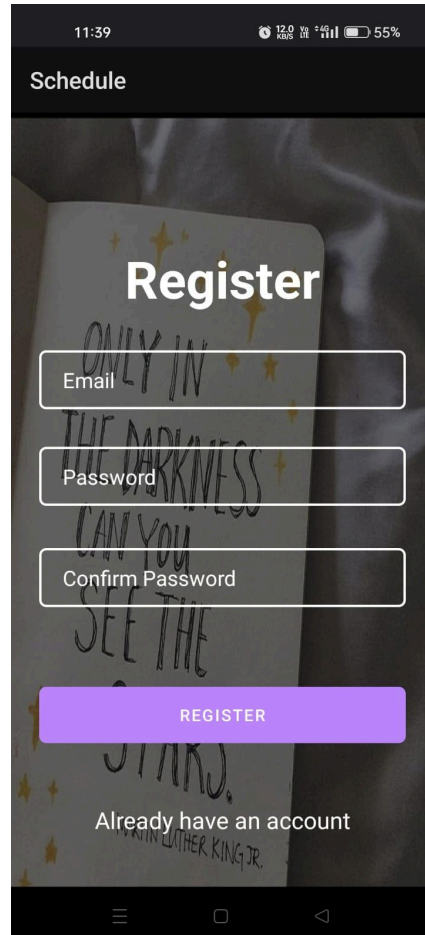

WORKING

LOGIN.xml



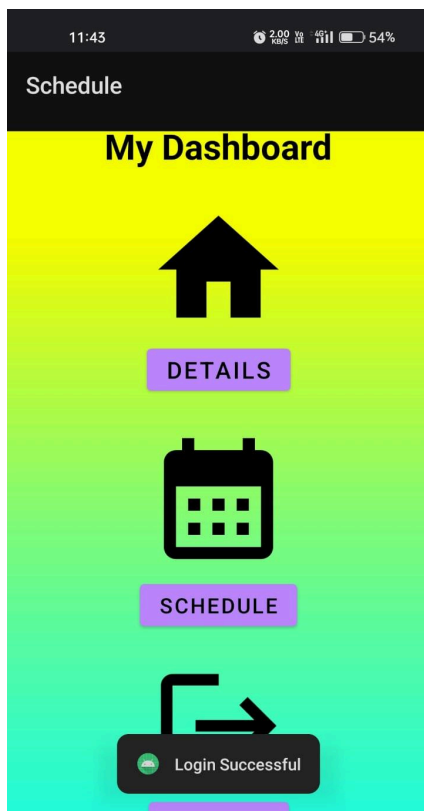
The login screen features a dark header with the word "Schedule". The background is a dark image of a book cover with the text "ONLY IN THE DARKNESS CAN YOU SEE THE STARS" and "MARTIN LUTHER KING JR." in a handwritten style. The word "Login" is centered in large white text. Below it are two white input fields labeled "Email" and "Password". A purple "LOGIN" button is positioned below the password field. At the bottom, there is a link that says "Create New Account". The Android navigation bar is visible at the very bottom.

Register.xml



The register screen has a dark header with the word "Schedule". The background is the same as the login screen. The word "Register" is centered in large white text. Below it are three white input fields labeled "Email", "Password", and "Confirm Password". A purple "REGISTER" button is located below the "Confirm Password" field. At the bottom, there is a link that says "Already have an account". The Android navigation bar is visible at the very bottom.

Dashboard



The dashboard screen has a dark header with the word "Schedule". Below the header is a yellow-to-cyan gradient section titled "My Dashboard". It contains three large black icons: a house, a calendar, and a document with an arrow. Below each icon is a purple button labeled "DETAILS", "SCHEDULE", and "Login Successful" respectively. The Android navigation bar is visible at the very bottom.