

Signup Form frontEnd

```
<?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"
    tools:context=".Signup">

    <ImageView
        android:layout_gravity="center"
        android:layout_marginTop="10dp"
        android:layout_marginBottom="10dp"
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:scaleType="fitCenter"
        android:src="@drawable/welcome" />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Welcome back!"
        android:textColor="@color/black"
        android:textAlignment="center"
        android:textSize="30dp"
        android:textStyle="bold"
        />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Log in to your existant account of Q Allure"
        android:textColor="@color/textcolor"
        android:textAlignment="center"
        android:textSize="15dp"
        android:textStyle="normal"
        />

    <LinearLayout
        android:layout_width="match_parent"
        android:orientation="vertical"
        android:layout_margin="10dp"
        android:layout_height="wrap_content">

        <EditText
            android:id="@+id/email"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:layout_marginBottom="30dp"
            android:drawableLeft="@drawable/user"
            android:background="@drawable/input_border"
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        android:padding="20dp"
        android:textColor="#1C84FF"
        android:textStyle="bold"
        android:inputType="textPersonName"
        android:hint="krish@gmail.com"
    />

    <EditText
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:textColor="#1C84FF"
        android:textStyle="bold"
        android:drawableLeft="@drawable/user"
        android:background="@drawable/input_border"
        android:padding="20dp"
        android:inputType="numberPassword"
        android:hint="Password"
    />

    <TextView
        android:id="@+id/forgot_password"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Forgot Password"
        android:layout_marginTop="10dp"
        android:textColor="#DF000000"
        android:textSize="15dp"
        android:layout_gravity="right"
    />

    <Button
        android:id="@+id/signup"
        android:layout_width="200dp"
        android:layout_height="wrap_content"
        android:text="Signup"
        android:padding="15dp"
        android:background="@drawable/checkout_button"
        android:layout_marginTop="20dp"
        android:layout_gravity="center"
    />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Or Connect Using"
        android:layout_marginTop="10dp"
        android:textAlignment="center"
        android:textColor="@color/textcolor"
        android:textSize="20dp"
    />

    <LinearLayout
        android:layout_marginTop="10dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

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        android:orientation="horizontal"
        android:padding="5dp"
    >
    <Button
        android:id="@+id/signupwithGoogle"
        android:layout_width="200dp"
        android:layout_weight="1"
        android:layout_height="wrap_content"
        android:text="Google"
        android:padding="15dp"
        android:backgroundTint="@color/google"
        android:layout_gravity="center"
    />

    <Button
        android:id="@+id/signupwithfacebook"
        android:layout_width="200dp"
        android:layout_weight="1"
        android:layout_height="wrap_content"
        android:text="Login In"
        android:padding="15dp"
        android:backgroundTint="@color/facebook"
        android:layout_gravity="center"
    />

</LinearLayout>

<TextView
    android:id="@+id/signins"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Sign In"
    android:layout_gravity="right"
/>
</LinearLayout>
</LinearLayout>

```

Signup Form Backend

```

binding.signins.setOnClickListener(v->{
    startActivity(new Intent(signup.this, LoginActivity.class));
});

binding.signup.setOnClickListener(v->{
    Email = binding.email.getText().toString();
    Password = binding.password.getText().toString();
    if(Email.isEmpty()){
        Toast.makeText(this, "Email Can't be Blank",
Toast.LENGTH_SHORT).show();
    }else if(Password.isEmpty()){
        Toast.makeText(this, "Password Can't be Blank",

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Toast.LENGTH_SHORT).show();
    }else{
        mAuth.createUserWithEmailAndPassword(Email, Password)
            .addOnCompleteListener(this, new
OnCompleteListener<AuthResult>() {
                @Override
                public void onComplete(@NonNull Task<AuthResult>
task) {
                    if (task.isSuccessful()) {
                        Toast.makeText(Signup.this, "Successfully
Register", Toast.LENGTH_SHORT).show();
                        startActivity(new
Intent(Signup.this, LoginActivity.class));
                    } else {
                        // If sign in fails, display a message to
the user.
                        Toast.makeText(Signup.this,
"Authentication failed.",
                                Toast.LENGTH_SHORT).show();
                        //
                        updateUI(null);
                    }
                }
            });
    }
}
});
}
});

```

Login Form Frontend

```

<?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"
    tools:context=".LoginActivity">

    <ImageView
        android:layout_gravity="center"
        android:layout_marginTop="10dp"
        android:layout_marginBottom="10dp"
        android:layout_width="200dp"
        android:layout_height="200dp"
        android:scaleType="fitCenter"
        android:src="@drawable/welcome" />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Welcome back!"
        android:textColor="@color/black"
        android:textAlignment="center"
        android:textSize="30dp"
    >

```

```
        android:textStyle="bold"
    />
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Log in to your existant account of Q Allure"
    android:textColor="@color/textcolor"
    android:textAlignment="center"
    android:textSize="15dp"
    android:textStyle="normal"
/>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:orientation="vertical"
    android:layout_margin="10dp"
    android:layout_height="wrap_content">
```

```
    <EditText
        android:id="@+id/Loginemail"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:layout_marginBottom="30dp"
        android:drawableLeft="@drawable/user"
        android:background="@drawable/input_border"
        android:padding="20dp"
        android:textColor="#1C84FF"
        android:textStyle="bold"
        android:inputType="textPersonName"
        android:hint="krish@gmail.com"
    />
```

```
    <EditText
        android:id="@+id/Loginpassword"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:textColor="#1C84FF"
        android:textStyle="bold"
        android:drawableLeft="@drawable/user"
        android:background="@drawable/input_border"
        android:padding="20dp"
        android:inputType="numberPassword"
        android:hint="Password"
    />
```

```
    <TextView
        android:id="@+id/forgot_password"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Forgot Password"
        android:layout_marginTop="10dp"
        android:textColor="#DF000000"
```

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        android:textSize="15dp"
        android:layout_gravity="right"
    />

    <Button
        android:id="@+id/Login"
        android:layout_width="200dp"
        android:layout_height="wrap_content"
        android:text="Login In"
        android:padding="15dp"
        android:background="@drawable/checkout_button"
        android:layout_marginTop="20dp"
        android:layout_gravity="center"
    />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Or Connect Using"
        android:layout_marginTop="10dp"
        android:textAlignment="center"
        android:textColor="@color/textcolor"
        android:textSize="20dp"
    />

    <LinearLayout
        android:layout_marginTop="10dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:padding="10dp"
    >
        <Button
            android:id="@+id/LoginwithGoogle"
            android:layout_width="200dp"
            android:layout_weight="1"
            android:layout_height="wrap_content"
            android:text="Google"
            android:layout_margin="10dp"
            android:padding="15dp"
            android:backgroundTint="@color/google"
            android:layout_gravity="center"
        />

        <Button
            android:id="@+id/Loginwithfacebook"
            android:layout_width="200dp"
            android:layout_weight="1"
            android:layout_margin="10dp"
            android:layout_height="wrap_content"
            android:text="Login In"
            android:padding="15dp"
            android:backgroundTint="@color/facebook"
            android:layout_gravity="center"
        />

    </LinearLayout>
```

```
</LinearLayout>

</LinearLayout>
```

Login Form Backend

```
mAuth = FirebaseAuth.getInstance();

binding.Login.setOnClickListener(v->{
    email = binding.Loginemail.getText().toString();
    password = binding.Loginpassword.getText().toString();
    if(email.isEmpty()){
        Toast.makeText(this, "Email Can't be Blank",
Toast.LENGTH_SHORT).show();
    }else if(password.isEmpty()){
        Toast.makeText(this, "Password Can't be Blank",
Toast.LENGTH_SHORT).show();
    }else{
        mAuth.signInWithEmailAndPassword(email, password)
            .addOnCompleteListener(this, new
OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull Task<AuthResult> task) {
                if (task.isSuccessful()) {
                    Toast.makeText(LoginActivity.this, "Successfully
Login", Toast.LENGTH_SHORT).show();
                    startActivity(new
Intent(LoginActivity.this, MainActivity.class));
                } else {
                    // If sign in fails, display a message to the
user.
                    Toast.makeText(LoginActivity.this, "Please Enter
a correct email and password.",
                        Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
});
});
```

