

Baku Engineering University  
INHA University

# ECOMMERCE

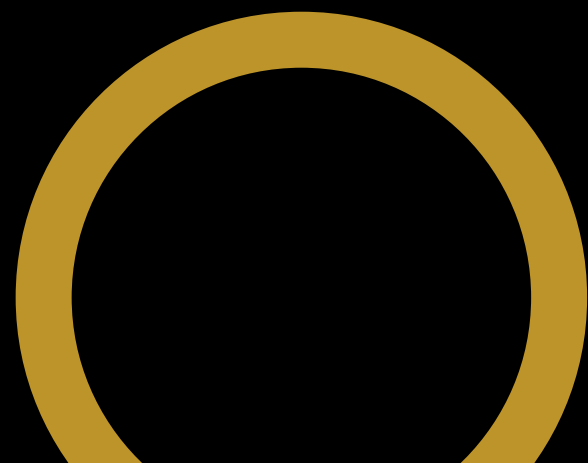
Presentation by

**Said Gulizada**

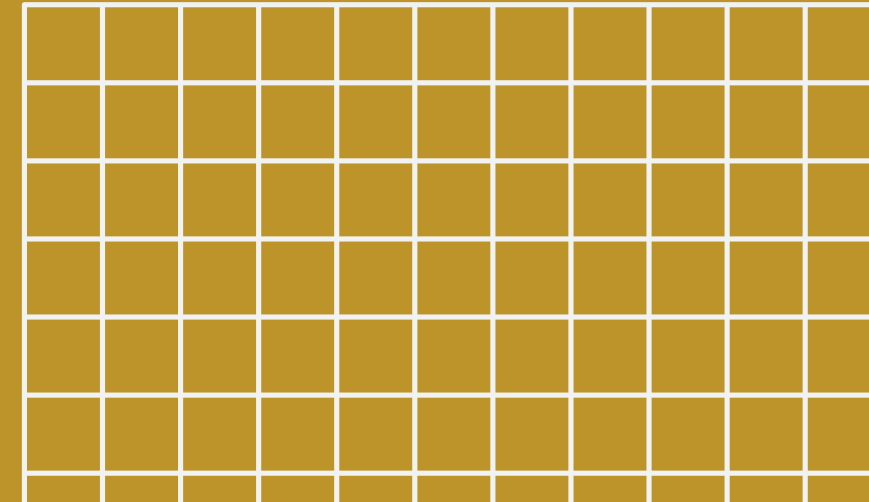
Teacher

**Yusif Yusifov**

Information Technologies  
(INHA 3)



# Overview



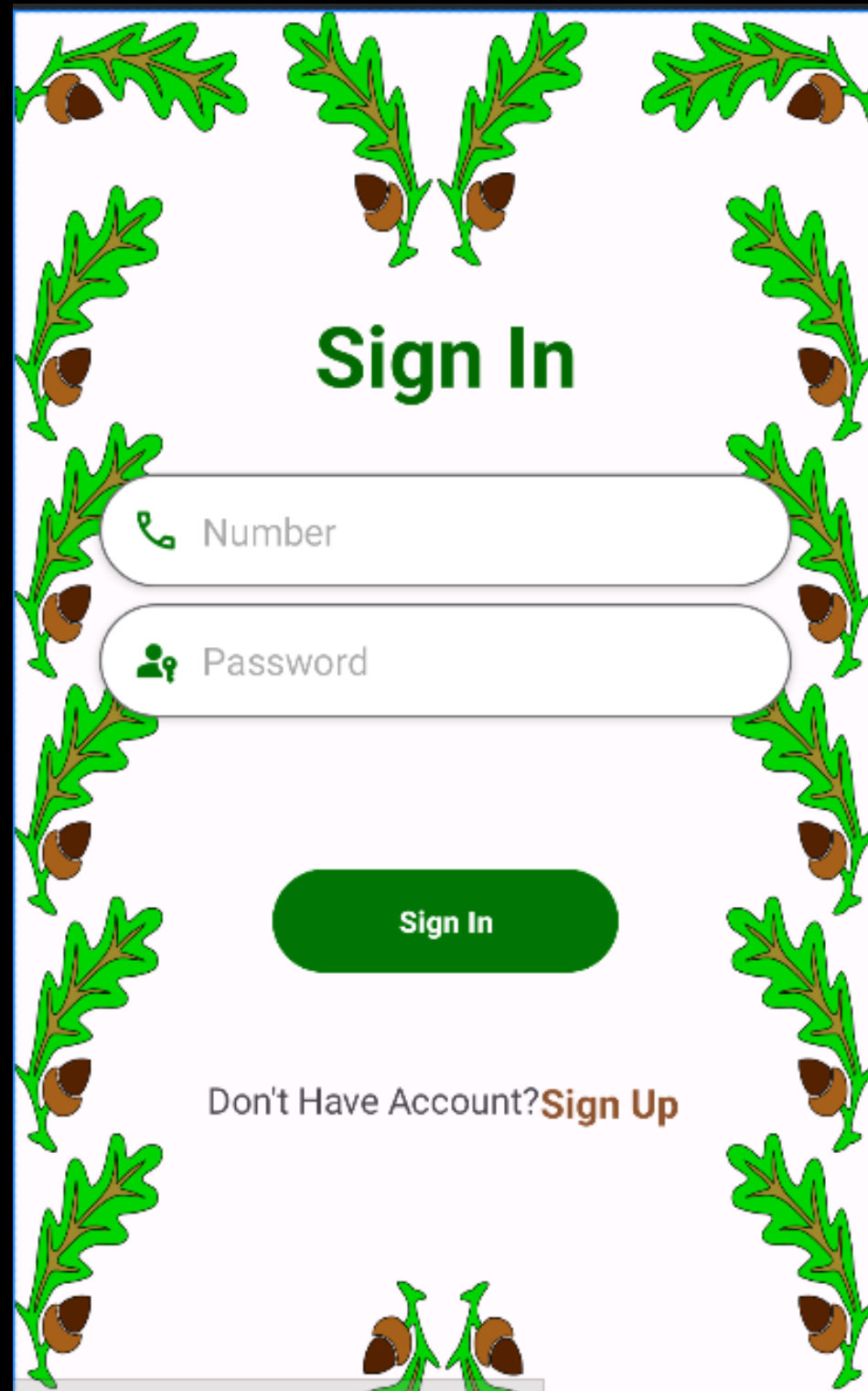
- Introduction
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- Login/SignUp
- Using Intent
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- Run App on Mobile
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# Introduction

I am delighted to present to you today our exciting e-commerce project. In this project, our goal is to redefine the online shopping experience from the ground up, providing users with a more robust, fast, and user-friendly platform.

Now, I will provide a brief demonstration of our project. Please watch attentively, and afterward, we will delve into more in-depth details about our project.

# Design



Sign In

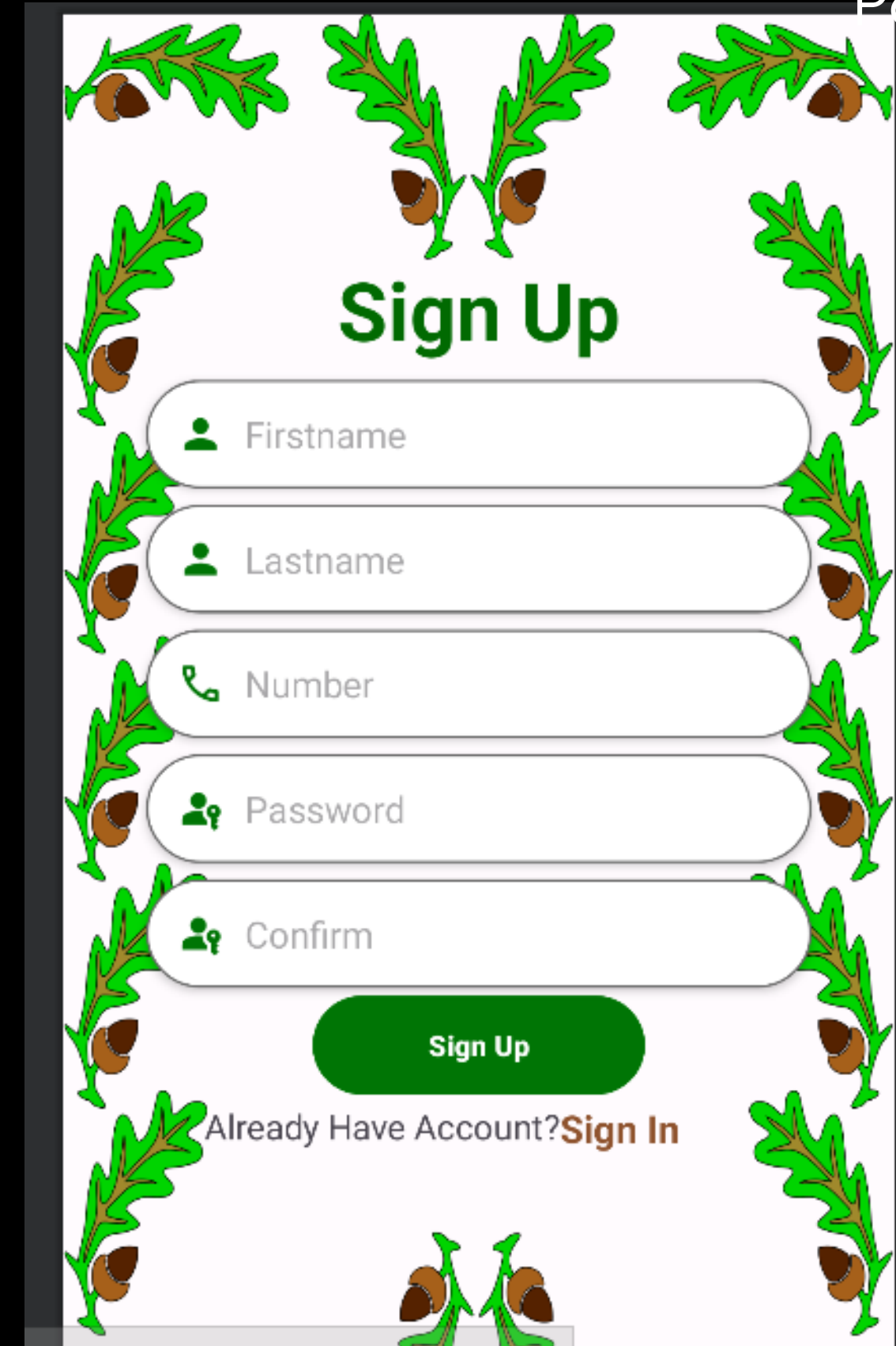
Number

Password

Sign In

Don't Have Account? [Sign Up](#)

The 'Sign In' form is enclosed in a decorative border of green oak leaves and brown acorns. It features a title 'Sign In' in green, a 'Number' input field with a telephone icon, a 'Password' input field with a person icon, a green 'Sign In' button, and a link 'Don't Have Account? Sign Up' at the bottom.



Sign Up

Firstname

Lastname

Number

Password

Confirm

Sign Up

Already Have Account? [Sign In](#)

The 'Sign Up' form is enclosed in a decorative border of green oak leaves and brown acorns. It features a title 'Sign Up' in green, four input fields for 'Firstname', 'Lastname', 'Number', and 'Password' (with a person icon), a 'Confirm' input field (with a person icon), a green 'Sign Up' button, and a link 'Already Have Account? Sign In' at the bottom.

# Using Api

```
package com.example.palidmarket.api;

import ...

12 usages
public class ApiClient {
    2 usages
    private Retrofit retrofit;

    7 usages
    public Retrofit getClient() {
        OkHttpClient c = new OkHttpClient.Builder().build();

        retrofit = new Retrofit.Builder()
            .baseUrl("http://10.42.0.150:8787/api/")
            .addConverterFactory(GsonConverterFactory.create())
            .client(c)
            .build();
        return retrofit;
    }
}
```

# Using Api

```
package com.example.palidmarket.api;

import ...

19 usages
public interface ApiInterface {

    1 usage
    @POST("v1/auth/register")
    Call<Result<User>> saveUser(@Body User user);

    1 usage
    @POST("v1/auth/login")
    Call<Result<Authentication>> loginUser(@Body User user);

    1 usage
    @GET("categories/user/getAll")
    Call<Result<List<Category>>> getCategory(@Header("Authorization") String token);

    1 usage
    @GET("products/user/{getByCategoryId}")
    Call<Result<List<Product>>> getProductsByCategoryId(@Header("Authorization") String token,@Path("getByCategoryId") int getByCategoryId);

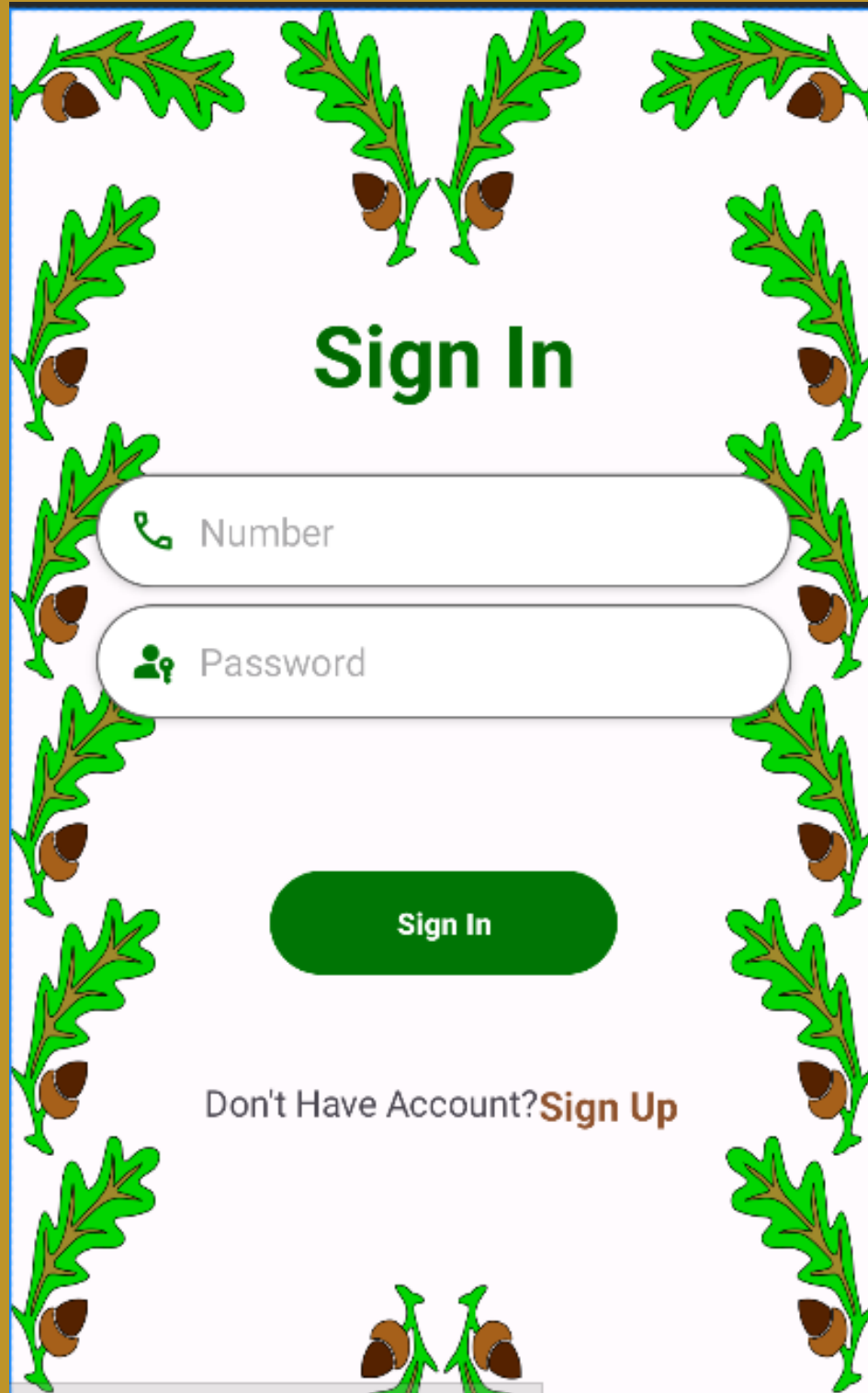
    1 usage
    @GET("carts/user/{phoneNumber}")
    Call<Result<List<Cart>>> getCart(@Header("Authorization") String token,@Path("phoneNumber") String phoneNumber);

    1 usage
    @POST("carts/user/{phoneNumber}/{productId}")
    Call<Result> addProductToCart(@Header("Authorization") String token,@Path("phoneNumber") String phoneNumber, @Path("productId") int productId);

    1 usage
    @DELETE("carts/user/{phoneNumber}/{productName}")
    Call<Result> deleteProduct(@Header("Authorization") String token,@Path("phoneNumber") String phoneNumber, @Path("productName") String productName);
```



# Sign In/ Sign Up

A sign-in form with a decorative border of green oak leaves and brown acorns. The title "Sign In" is centered at the top in a bold green font. Below it are two input fields: "Number" with a telephone icon and "Password" with a person icon. A green "Sign In" button is centered below the fields. At the bottom, the text "Don't Have Account? Sign Up" is displayed, with "Sign Up" in a bold brown font.

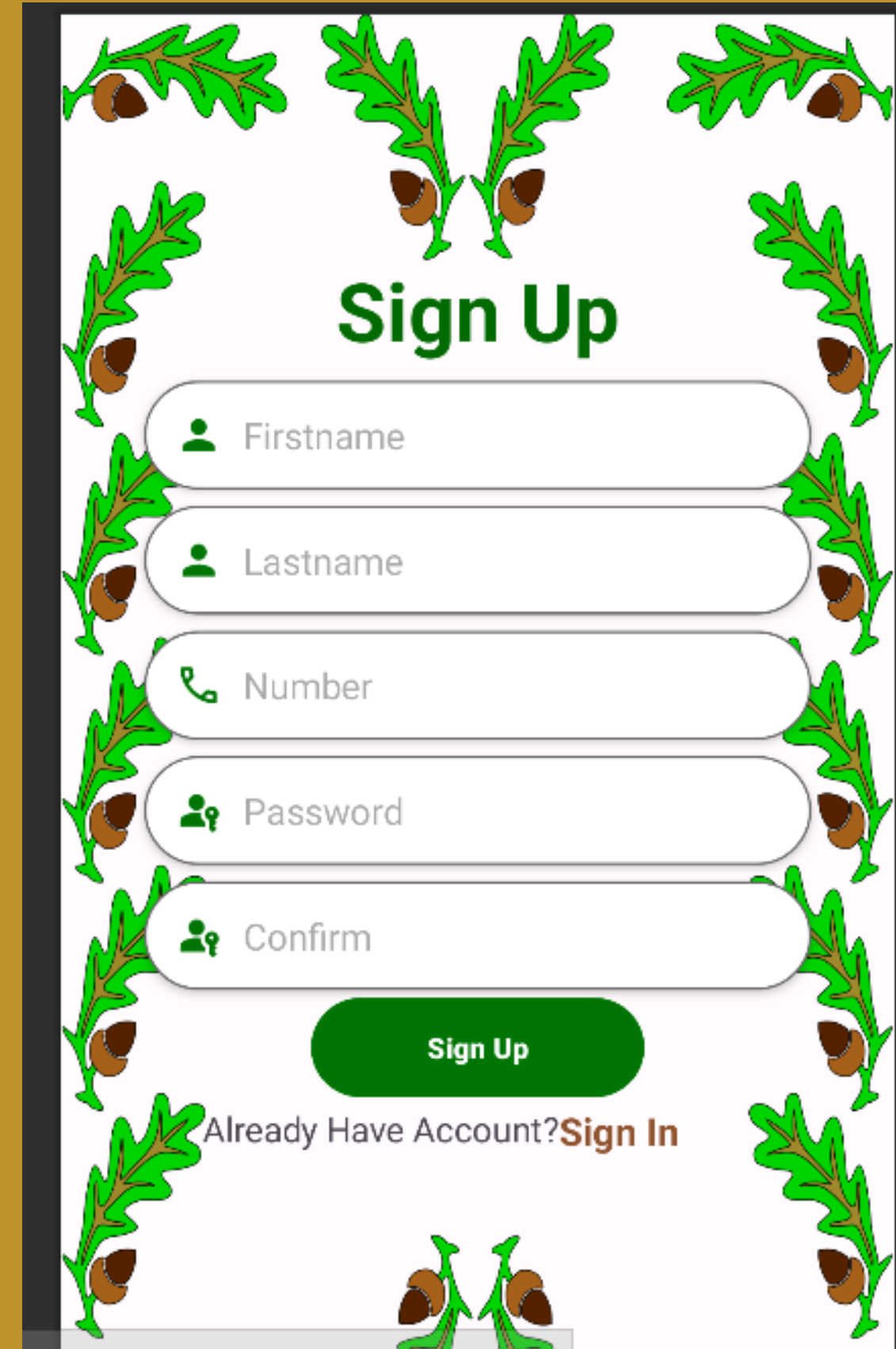
**Sign In**

Number

Password

**Sign In**

Don't Have Account? **Sign Up**

A sign-up form with a decorative border of green oak leaves and brown acorns. The title "Sign Up" is centered at the top in a bold green font. Below it are four input fields: "Firstname" with a person icon, "Lastname" with a person icon, "Number" with a telephone icon, and "Password" with a person icon. A green "Sign Up" button is centered below the fields. At the bottom, the text "Already Have Account? Sign In" is displayed, with "Sign In" in a bold brown font.

**Sign Up**

Firstname

Lastname

Number

Password

Confirm

**Sign Up**

Already Have Account? **Sign In**

# Using Intent

```
@Override
public void onResponse(@NonNull Call<Result<User>> call, @NonNull Response<Result<User>> response) {
    if (response.isSuccessful() && response.body() != null) {
        User savedUser = response.body().getData();

        savePhoneNumberToSharedPreferences(savedUser.getPhoneNumber());

        startActivity(new Intent( packageContext: SignUpActivity.this, SignInActivity.class));
    }
    else if(response.code() == 500) {
        android.widget.Toast.makeText( context: SignUpActivity.this, text: "This phone number is already registered", and
    }
}

@Override
public void onFailure(@NonNull Call<Result<User>> call, @NonNull Throwable t) {
    Log.d( tag: "Error on failure", Objects.requireNonNull(t.getMessage()));
}

});

}

}

2 usages
public void signIn(View view) {
    startActivity(new Intent( packageContext: SignUpActivity.this,SignInActivity.class));
}

1 usage
private void savePhoneNumberToSharedPreferences(String phoneNumber) {
```



# Error Handling

```
apiInterface apiInterface = Retrofit.create(apiInterface.class);

User user = new User();
user.setPhoneNumber(phoneNumber);
user.setPassword(password);

apiInterface.loginUser(user).enqueue(new retrofit2.Callback<Result<Authentication>>() {
    @Override
    public void onResponse(@NonNull Call<Result<Authentication>> call, @NonNull Response<Result<Authentication>> response) {
        if(response.isSuccessful() && response.body() != null) {
            Result<Authentication> result = response.body();
            String token = result.getData().getToken();

            saveTokenToSharedPreferences(token);
            savePhoneNumberToSharedPreferences(phoneNumber);

            startActivity(new Intent( packageContext: SignInActivity.this, MainActivity.class));
        }
        else if(response.code() == 500) {
            android.widget.Toast.makeText( context: SignInActivity.this, text: "Wrong phone number or password", android.
        }
    }
});
//sharedPreference
@Override
public void onFailure(@NonNull Call<Result<Authentication>> call, @NonNull Throwable t) {
    Log.d( tag: "nspDebug", t.getMessage() != null ? t.getMessage() : "");
}
});
}
```

# Custom Logo



**Thank you**