

LAMPIRAN

Urutan

- 1. Surat izin penelitian**
- 2. Data penelitian**
- 3. Listing program**
- 4. SK pembimbing lengkap**
- 5. Form bimbingan**

BUKTI PENELITIAN



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Wawancara dengan pemilik PT.Aero Travel Indonesia

Kak Adien Aero



Halaman Daftar

```

package com.calistasakralya.ui;

import androidx.appcompat.app.AppCompatActivity;

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Bundle;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import com.calistasakralya.API.APIService;
import com.calistasakralya.MainActivity;
import com.calistasakralya.R;
import com.calistasakralya.model.APIError;
import com.calistasakralya.model.ClientModel;
import com.calistasakralya.utils.ErrorUtils;
import com.calistasakralya.utils.SessionHandle;
import java.util.regex.Pattern;
import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;
import retrofit2.internal.OnlyNotNull;

public class daftar extends AppCompatActivity {
    private EditText mName,mEmail,mPassword,mPhone;
    private ImageView mBtnDaftar;
    private TextView mBtnLogin;

```

```

private ProgressDialog pDialog;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_daftar);
    init();
    if(SessionHandle.isLoggedIn(this)){
        Intent intent = new Intent(daftar.this, MainActivity.class);
        startActivity(intent);
        finish();
    }
    mBtnLogin.setOnClickListener(view -> {
        Intent intent = new Intent(daftar.this, login.class);
        startActivity(intent);
    });
    mBtnDaftar.setOnClickListener(v -> prosesSimpan());
}
private void prosesSimpan(){
    showDialog();
    String namaLengkap = mName.getText().toString();
    String alamatEmail = mEmail.getText().toString();
    String password = mPassword.getText().toString();
    String phone = mPhone.getText().toString();
    if(namaLengkap.length() == 0 || alamatEmail.length() == 0 ||
password.length() == 0 || phone.length() == 0){
        hideDialog();
        pesan("Semua kolom harus diisi!");
    }
}

```

```

} else {
    if(cekEmail(alamatEmail)){
        try{
            Call<ClientModel> call=
            ApiService.Factory.create(getApplicationContext()).tambahUser(namaLengkap,al
            amatEmail,password,phone);

            call.enqueue(new Callback<ClientModel>() {
                @EverythingIsNonNull
                @Override
                public void onResponse(Call<ClientModel> call,
                Response<ClientModel> response) {
                    if(response.isSuccessful()) {
                        hideDialog();
                        Intent intent = new Intent(daftar.this, login.class);
                        startActivity(intent);
                        finish();
                        pesan("Akun Berhasil dibuat!");
                    }else{
                        hideDialog();
                        APIError error = ErrorUtils.parseError(response);
                        pesan(error.message());
                    }
                }
            });
        }
        @EverythingIsNonNull
        @Override
        public void onFailure(Call<ClientModel> call, Throwable t) {
            hideDialog();
            pesan(t.getMessage());
        }
    }
}

```

```

        });
    }catch (Exception e){
        hideDialog();
        e.printStackTrace();
        pesan(e.getMessage());
    }
}else{
    hideDialog();
    pesan("Masukkan email yang valid!");
}
}
}
}

```

```

private boolean cekEmail(String email){
    return Pattern.compile("^(([\w-]+\.)+[\w-]+|([a-zA-Z]{1}|[\w-]{2,}))@"
        + "((((([0-1]?[0-9]){1,2}|25[0-5]|2[0-4][0-9])\.)?([0-1]?"
        + "[0-9]{1,2}|25[0-5]|2[0-4][0-9])\.)"
        + "([0-1]?[0-9]{1,2}|25[0-5]|2[0-4][0-9])\.)?([0-1]?"
        + "[0-9]{1,2}|25[0-5]|2[0-4][0-9])){1}|"
        + "([a-zA-Z]+[\w-]+\.)+[a-zA-Z]{2,4})$").matcher(email).matches();
}

```

```

public void init() {
    mBtnDaftar = findViewById(R.id.tombol_daftar);
    mBtnLogin = findViewById(R.id.txt_login);
    mName = findViewById(R.id.txt_nama);
    mEmail = findViewById(R.id.txt_email);
    mPassword = findViewById(R.id.txt_password);
}

```

```

        mPhone = findViewById(R.id.txt_phone);
        pDialog = new ProgressDialog(this);
        pDialog.setCancelable(false);
        pDialog.setMessage("Loading.....");
    }

    private void showDialog(){
        if(!pDialog.isShowing()){
            pDialog.show();
        }
    }

    private void hideDialog(){
        if(pDialog.isShowing()){
            pDialog.dismiss();
        }
    }

    public void pesan(String msg)
    {
        Toast.makeText(getApplicationContext(),           msg,
        Toast.LENGTH_LONG).show();
    }

```

Halaman Login

```

package com.calistasakralya.ui;

import androidx.appcompat.app.AppCompatActivity;

```



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

import com.calistasakralya.API.APIService;
import com.calistasakralya.MainActivity;
import com.calistasakralya.R;
import com.calistasakralya.model.APIError;
import com.calistasakralya.model.LoginModel;
import com.calistasakralya.utils.ErrorUtils;
import com.calistasakralya.utils.SessionHandle;

import java.util.regex.Pattern;

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

public class login extends AppCompatActivity {
    private EditText mEmail, mPassword;
    private ImageView btnLogin;
    private ProgressDialog pDialog;
```

```

private TextView btnDaftar;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_login);
    init();
    //cek login
    if(SessionHandle.isLoggedIn(this)){
        Intent intent = new Intent(login.this, MainActivity.class);
        startActivity(intent);
        finish();
    }
    btnDaftar.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(login.this, daftar.class);
            startActivity(intent);
            finish();
        }
    });

    btnLogin.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            String email = mEmail.getText().toString();
            String password = mPassword.getText().toString();
            if(email.trim().length()> 0 && password.trim().length() >0){

```

```

        if(cekEmail(email)){
            checkLogin(email,password);
        }else{
            pesan("Masukkan email yang valid !");
        }
    } else {
        pesan("Semua kolom harus diisi!");
    }
}
});
}

```

```

private void checkLogin(final String email, final String password){
    tampilkanDialog();
    try{
        Call<LoginModel> call =
        ApiService.Factory.create(getApplicationContext()).loginUser(email,password);
        call.enqueue(new Callback<LoginModel>() {
            @Override
            public void onResponse(Call<LoginModel> call,
            Response<LoginModel> response) {
                sembunyikanDialog();
                if(response.isSuccessful()) {
                    if (response.body() != null) {
                        if (SessionHandle.login(login.this, response.body().getIdUser(),
                        response.body().getToken())){
                            Intent intent = new Intent(login.this, MainActivity.class);
                            startActivity(intent);
                            finish();
                        }
                    }
                }
            }
        });
    }
}

```

```

        }
    }
} else {
    sembunyikanDialog();
    APIError error = ErrorUtils.parseError(response);
    pesan(error.message());
}
}

@Override
public void onFailure(Call<LoginModel> call, Throwable t) {
    sembunyikanDialog();
    pesan(t.getMessage());
}
});
} catch (Exception e){
    sembunyikanDialog();
    e.printStackTrace();
    pesan(e.getMessage());
}
}

private boolean cekEmail(String email){
    return Pattern.compile("^(([\w-]+\.)+[\w-]+|([a-zA-Z]{1}|[\w-]{2,}))@"
        + "((((([0-1]?[0-9]){1,2}|25[0-5]|2[0-4][0-9])\.\.([0-1]?"
        + "[0-9]{1,2}|25[0-5]|2[0-4][0-9])\.\.|"
        + "([0-1]?[0-9]{1,2}|25[0-5]|2[0-4][0-9])\.\.([0-1]?"
        + "[0-9]{1,2}|25[0-5]|2[0-4][0-9]))){1}|")

```

```

        + "([a-zA-Z][\\w-]+\\.)+[a-zA-Z]{2,4})$").matcher(email).matches();
    }

    public void init() {
        btnLogin = findViewById(R.id.tombol_login);
        btnDaftar = findViewById(R.id.tombol_daftar);
        mEmail = findViewById(R.id.txt_email);
        mPassword = findViewById(R.id.txt_password);
        pDialog = new ProgressDialog(this);
        pDialog.setCancelable(false);
        pDialog.setMessage("Loading.....");
    }

    private void tampilkanDialog(){
        if(!pDialog.isShowing()){
            pDialog.show();
        }
    }

    private void sembunyikanDialog(){
        if(pDialog.isShowing()){
            pDialog.dismiss();
        }
    }

    public void pesan(String msg)
    {

```

```
        Toast.makeText(getApplicationContext(),                msg,
Toast.LENGTH_LONG).show();
    }
```

Halaman Splash Activity

```
package com.calistasakralya.ui;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ImageView;

import com.calistasakralya.MainActivity;
import com.calistasakralya.R;
import com.calistasakralya.utils.SessionHandle;

public class SplashActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_splash);
    }
}
```

```

ImageView btnNext = findViewById(R.id.bg1);
if(SessionHandle.isLoggedIn(this)){
    Intent intent = new Intent(SplashActivity.this, MainActivity.class);
    startActivity(intent);
    finish();
}
btnNext.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        Intent intent = new Intent(SplashActivity.this, login.class);
        startActivity(intent);
    }
});
}

```

Halaman Home

```

package com.calistasakralya.fragment;

import android.app.ProgressDialog;
import android.content.Context;
import android.os.Bundle;

import androidx.appcompat.view.menu.MenuAdapter;
import androidx.fragment.app.Fragment;
import androidx.recyclerview.widget.GridLayoutManager;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

```

```

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Toast;

import com.calistasakralya.API.APIService;
import com.calistasakralya.API.NoConnectivityException;
import com.calistasakralya.R;
import com.calistasakralya.adapter.DestinasAdapter;
import com.calistasakralya.model.APIError;
import com.calistasakralya.model.DestinasModel;
import com.calistasakralya.response.GetDestinasi;
import com.calistasakralya.utils.ErrorUtils;

import java.util.ArrayList;
import java.util.List;

import retrofit2.Call;
import retrofit2.Callback;
import retrofit2.Response;

public class home_fragment extends Fragment {
    private RecyclerView gridDestinasi;
    private DestinasAdapter destinasiAdapter;
    private List<DestinasModel> destinasiModels;
    private ProgressDialog progressDialog;
    private Context mContext;

```



```
@Override
```

```
public View onCreateView(LayoutInflater inflater, ViewGroup container,  
                        Bundle savedInstanceState) {  
    View mView = inflater.inflate(R.layout.fragment_home, container, false);  
    mContext = getContext();  
    if(getActivity() != null){  
        getActivity().setTitle("AeroTravel");  
    }  
    dataInit(mView);  
    setupRecyclerView();  
    refresh(mContext);  
    // Inflate the layout for this fragment  
    return mView;  
}
```

```
@Override
```

```
public void onResume() {  
    super.onResume();  
    setupRecyclerView();  
    refresh(mContext);  
    destinasiAdapter.notifyDataSetChanged();  
}
```

```
public void refresh(Context mContext) {  
    try {  
        Call<GetDestinasi> call =  
        ApiService.Factory.create(mContext).listDestinasi();  
        call.enqueue(new Callback<GetDestinasi>() {
```

```

@Override
public void onResponse(Call<GetDestinasi> call,
Response<GetDestinasi> response) {
    if(response.isSuccessful()){
        progressDialog.dismiss();
        if(response.body() != null){
            destinasiModels = response.body().getListDestinasi();
            destinasiAdapter.replaceData(destinasiModels);
        }
    }else{
        progressDialog.dismiss();
        APIError error = ErrorUtils.parseError(response);
        displayExceptionMessage(error.message());
    }
}

```

```

@Override
public void onFailure(Call<GetDestinasi> call, Throwable t) {
    progressDialog.dismiss();
    if(t instanceof NoConnectivityException) {
        displayExceptionMessage("Offline, cek koneksi internet anda!");
    }
}
});
} catch (Exception e){
    progressDialog.dismiss();
    e.printStackTrace();
    displayExceptionMessage(e.getMessage());
}

```

```
    }  
}
```

```
private void dataInit(View mView){  
    progressDialog = ProgressDialog.show(getActivity(), "", "Loading.....", true,  
false);  
    gridDestinasi = mView.findViewById(R.id.rcdestinase);  
    //mSwipeRefreshLayout = mView.findViewById(R.id.refresh);  
}
```

```
private void setupRecyclerView() {  
    LinearLayoutManager linearLayoutManager = new  
LinearLayoutManager(getContext(),LinearLayoutManager.VERTICAL,false);  
    destinasiAdapter = new DestinasiAdapter(new ArrayList<>(),getContext());  
    gridDestinasi.setLayoutManager(linearLayoutManager);  
    gridDestinasi.setAdapter(destinasiAdapter);  
}
```

```
private void displayExceptionMessage(String msg)  
{  
    Toast.makeText(getContext(), msg, Toast.LENGTH_LONG).show();  
}
```