

1. Lampiran Koding

Admin

Coding *Splashscreen* (Tampilan Awal)

```
package com.flaniest.skripsi.pusdjadm;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;

public class Splashscreen extends AppCompatActivity {

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

        Thread thread = new Thread() {
            @Override
            public void run() {
                try {
                    sleep(3000);

                    Intent intent = new Intent(Splashscreen.this,
Main.class);
                    intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
                    startActivity(intent);
                } catch (InterruptedException e) {
                    e.printStackTrace();
                }
            }
        };

        thread.start();
    }
}
```

Coding *Login*

```
package com.flaniest.skripsi.pusdjadm;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.view.inputmethod.InputMethodManager;
import android.widget.Button;
import android.widget.Toast;

import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.enwif.lib.vllskr.RgsDtc;
```

```

import com.flaniest.skripsi.pusdjadm.cnn.Cnn;
import com.flaniest.skripsi.pusdjadm.mdl.AdminMdl;
import com.flaniest.skripsi.pusdjadm.sct.Home;
import com.flaniest.skripsi.pusdjadm.svc.LoadingSvc;
import com.google.android.material.textfield.TextInputEditText;
import com.google.android.material.textfield.TextInputLayout;

import org.json.JSONException;
import org.json.JSONObject;

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

public class SignIn extends AppCompatActivity {
    private TextInputLayout tilUsername, tilPassword;
    private TextInputEditText tietUsername, tietPassword;
    private Button btnSignIn;

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

        tilUsername = findViewById(R.id.tilUsername);
        tietUsername = findViewById(R.id.tietUsername);
        tilPassword = findViewById(R.id.tilPassword);
        tietPassword = findViewById(R.id.tietPassword);

        btnSignIn = findViewById(R.id.btnSignIn);
        btnSignIn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                vld();
            }
        });
    }

    private void vld() {
        View view = this.getCurrentFocus();
        if (view != null) {
            InputMethodManager inputMethodManager = (InputMethodManager)
                getSystemService(Context.INPUT_METHOD_SERVICE);

            inputMethodManager.hideSoftInputFromWindow(view.getWindowToken(),
                InputMethodManager.RESULT_UNCHANGED_SHOWN);
        }

        boolean valid = true;

        if (tietUsername.getText().toString().trim().isEmpty()) {
            tilUsername.setError(getString(R.string.strCantEmpty));
            valid = false;
        }

        if (tietPassword.getText().toString().trim().isEmpty()) {
            tilPassword.setError(getString(R.string.strCantEmpty));
            valid = false;
        }

        if (valid) {
            signin();
        } else Toast.makeText(this, R.string.strCantEmpty,

```

```

Toast.LENGTH_SHORT).show();
    }

    private void signin() {
        LoadingSvc.loadingShow(this);

        Map<String, String> params = new HashMap<>();
        params.put("username", tietUsername.getText().toString());
        params.put("password", tietPassword.getText().toString());

        RqsDtc.StrRqsPOSTDtc(this, Cnn.url + "admin/login", params, new
Response.Listener<String>() {
            @Override
            public void onResponse(String response) {
                if (!response.equals("invalid") &&
!response.equals("err") && !response.isEmpty()) {
                    try {
                        JSONObject jsonObject = new
JSONObject(response);

                        AdminMdl mdl = new AdminMdl();
                        mdl.idadmin = jsonObject.getString("idadmin");
                        mdl.username = jsonObject.getString("username");
                        mdl.password = jsonObject.getString("password");
                        mdl.nama = jsonObject.getString("nama");

                        SharedPreferences sharedPreferences =
getSharedPreferences("lgn", MODE_PRIVATE);
                        SharedPreferences.Editor editor =
sharedPreferences.edit();

                        editor.putString("idadmin", mdl.idadmin);
                        editor.putString("username", mdl.username);
                        editor.putString("password", mdl.password);
                        editor.putString("nama", mdl.nama);
                        editor.apply();

                        goHome(mdl);
                    } catch (JSONException e) {
                        e.printStackTrace();
                    }
                } else Toast.makeText(SignIn.this,
R.string.strSignInFail, Toast.LENGTH_LONG).show();

                LoadingSvc.loadingDismiss();
            }
        }, new Response.ErrorListener() {
            @Override
            public void onErrorResponse(VolleyError error) {
                LoadingSvc.loadingDismiss();

                Toast.makeText(SignIn.this, R.string.strSignInFail,
Toast.LENGTH_LONG).show();

                Log.e("Rqs", error.toString());
            }
        });
    }

    private void goHome(AdminMdl mdl) {
        Intent intent = new Intent(this, Home.class);
        intent.putExtra("mdl", mdl);
    }
}

```

```

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

```

Coding Home

```

package com.flaniest.skripsi.pusdjadm;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.util.Log;
import android.widget.Toast;

import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.enwif.lib.vllskr.RqsDtc;
import com.flaniest.skripsi.pusdjadm.cnn.Cnn;
import com.flaniest.skripsi.pusdjadm.mdl.AdminMdl;
import com.flaniest.skripsi.pusdjadm.sct.Home;

import org.json.JSONException;
import org.json.JSONObject;

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

public class Main extends AppCompatActivity {

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

        SharedPreferences sharedPreferences =
getSharedPreferences("lgn", MODE_PRIVATE);
        if (sharedPreferences.getString("username", null) != null &&
sharedPreferences.getString("password", null) != null) {
            AdminMdl mdl = new AdminMdl();
            mdl.idadmin = sharedPreferences.getString("idadmin", null);
            mdl.username = sharedPreferences.getString("username",
null);
            mdl.password = sharedPreferences.getString("password",
null);
            mdl.nama = sharedPreferences.getString("nama", null);

            signin(mdl);
        } else goSignIn();
    }

    private void signin(AdminMdl mdl) {
        Map<String, String> params = new HashMap<>();
        params.put("username", mdl.username);
        params.put("password", mdl.password);

        RqsDtc.StrRqsPOSTDtc(this, Cnn.url + "admin/login", params, new
Response.Listener<String>() {

```

```

        @Override
        public void onResponse(String response) {
            if (!response.equals("invalid") &&
!response.equals("err") && !response.isEmpty()) {
                try {
                    JSONObject jsonObject = new
JSONObject(response);

                    AdminMdl mdl = new AdminMdl();
                    mdl.idadmin = jsonObject.getString("idadmin");
                    mdl.username = jsonObject.getString("username");
                    mdl.password = jsonObject.getString("password");
                    mdl.nama = jsonObject.getString("nama");

                    SharedPreferences sharedPreferences =
getSharedPreferences("lgn", MODE_PRIVATE);
                    SharedPreferences.Editor editor =
sharedPreferences.edit();

                    editor.putString("idadmin", mdl.idadmin);
                    editor.putString("username", mdl.username);
                    editor.putString("password", mdl.password);
                    editor.putString("nama", mdl.nama);
                    editor.apply();

                    goHome(mdl);
                } catch (JSONException e) {
                    Toast.makeText(Main.this,
R.string.strSignInFail, Toast.LENGTH_LONG).show();

                    e.printStackTrace();
                }
            } else Toast.makeText(Main.this, R.string.strSignInFail,
Toast.LENGTH_LONG).show();
        }
    }, new Response.ErrorListener() {
        @Override
        public void onErrorResponse(VolleyError error) {
            Toast.makeText(Main.this, R.string.strSignInFail,
Toast.LENGTH_LONG).show();

            Log.e("Rqs", error.toString());
        }
    });
}

private void goHome(AdminMdl mdl) {
    Intent intent = new Intent(this, Home.class);
    intent.putExtra("mdl", mdl);
    intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
    startActivity(intent);
}

private void goSignIn() {
    Intent intent = new Intent(this, SignIn.class);
    intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
    startActivity(intent);
}
}

```

Coding Model Admin

```
package com.flaniest.skripsi.pusdjadm.mdl;

import android.os.Parcel;
import android.os.Parcelable;

public class AdminMdl implements Parcelable {
    public String idadmin, username, password, nama;

    public AdminMdl() {
    }

    protected AdminMdl(Parcel in) {
        idadmin = in.readString();
        username = in.readString();
        password = in.readString();
        nama = in.readString();
    }

    @Override
    public void writeToParcel(Parcel dest, int flags) {
        dest.writeString(idadmin);
        dest.writeString(username);
        dest.writeString(password);
        dest.writeString(nama);
    }

    @Override
    public int describeContents() {
        return 0;
    }

    public static final Creator<AdminMdl> CREATOR = new
    Creator<AdminMdl>() {
        @Override
        public AdminMdl createFromParcel(Parcel in) {
            return new AdminMdl(in);
        }

        @Override
        public AdminMdl[] newArray(int size) {
            return new AdminMdl[size];
        }
    };
}
```

Coding Pinjaman

```
package com.flaniest.skripsi.pusdjadm.mdl;

import android.os.Parcel;
import android.os.Parcelable;

public class PinjamMdl implements Parcelable {
    public String idpinjam, buku, tglpinjam, tglkembali, denda, status,
    mahasiswa_npm;
    public String npm, nama, jurusan, nohp, tglhr, password,
    mahasiswastatus, saldo;

    public PinjamMdl() {
```

```

    }

    protected PinjamMdl(Parcel in) {
        idpinjam = in.readString();
        buku = in.readString();
        tglpinjam = in.readString();
        tglkembali = in.readString();
        denda = in.readString();
        status = in.readString();
        mahasiswa_npm = in.readString();
        npm = in.readString();
        nama = in.readString();
        jurusan = in.readString();
        nohp = in.readString();
        tglhr = in.readString();
        password = in.readString();
        mahasiswastatus = in.readString();
        saldo = in.readString();
    }

    @Override
    public void writeToParcel(Parcel dest, int flags) {
        dest.writeString(idpinjam);
        dest.writeString(buku);
        dest.writeString(tglpinjam);
        dest.writeString(tglkembali);
        dest.writeString(denda);
        dest.writeString(status);
        dest.writeString(mahasiswa_npm);
        dest.writeString(npm);
        dest.writeString(nama);
        dest.writeString(jurusan);
        dest.writeString(nohp);
        dest.writeString(tglhr);
        dest.writeString(password);
        dest.writeString(mahasiswastatus);
        dest.writeString(saldo);
    }

    @Override
    public int describeContents() {
        return 0;
    }

    public static final Creator<PinjamMdl> CREATOR = new
    Creator<PinjamMdl>() {
        @Override
        public PinjamMdl createFromParcel(Parcel in) {
            return new PinjamMdl(in);
        }

        @Override
        public PinjamMdl[] newArray(int size) {
            return new PinjamMdl[size];
        }
    };
}

```

Coding Model Saldo

```
package com.flaniest.skripsi.pusdjadm.mdl;

import android.os.Parcel;
import android.os.Parcelable;

public class SaldoMdl implements Parcelable {
    public String idsaldo, tgl, saldo, mahasiswa_npm;

    public SaldoMdl() {
    }

    protected SaldoMdl(Parcel in) {
        idsaldo = in.readString();
        tgl = in.readString();
        saldo = in.readString();
        mahasiswa_npm = in.readString();
    }

    public static final Creator<SaldoMdl> CREATOR = new
    Creator<SaldoMdl>() {
        @Override
        public SaldoMdl createFromParcel(Parcel in) {
            return new SaldoMdl(in);
        }

        @Override
        public SaldoMdl[] newArray(int size) {
            return new SaldoMdl[size];
        }
    };

    @Override
    public int describeContents() {
        return 0;
    }

    @Override
    public void writeToParcel(Parcel dest, int flags) {
        dest.writeString(idsaldo);
        dest.writeString(tgl);
        dest.writeString(saldo);
        dest.writeString(mahasiswa_npm);
    }
}
```


User

Coding Login

```
package com.flaniest.skripsi.pusdjusr;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.view.inputmethod.InputMethodManager;
import android.widget.Button;
import android.widget.Toast;

import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.enwif.lib.vllskr.RgsDtc;
import com.flaniest.skripsi.pusdjusr.cnn.Cnn;
import com.flaniest.skripsi.pusdjusr.mdl.MahasiswaMdl;
import com.flaniest.skripsi.pusdjusr.sct.Home;
import com.flaniest.skripsi.pusdjusr.svc.LoadingSvc;
import com.google.android.material.textfield.TextInputEditText;
import com.google.android.material.textfield.TextInputLayout;

import org.json.JSONException;
import org.json.JSONObject;

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

public class SignIn extends AppCompatActivity {
    private TextInputLayout tilUsername, tilPassword;
    private TextInputEditText tietUsername, tietPassword;
    private Button btnSignIn;

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

        tilUsername = findViewById(R.id.tilUsername);
        tietUsername = findViewById(R.id.tietUsername);
        tilPassword = findViewById(R.id.tilPassword);
        tietPassword = findViewById(R.id.tietPassword);

        btnSignIn = findViewById(R.id.btnSignIn);
        btnSignIn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                vld();
            }
        });
    }

    private void vld() {
        View view = this.getCurrentFocus();
        if (view != null) {
            InputMethodManager inputMethodManager = (InputMethodManager)

```

```

getSystemService(Context.INPUT_METHOD_SERVICE);

inputMethodManager.hideSoftInputFromWindow(view.getWindowToken(),
InputMethodManager.RESULT_UNCHANGED_SHOWN);
}

boolean valid = true;

if (tietUsername.getText().toString().trim().isEmpty()) {
    tilUsername.setError(getString(R.string.strCantEmpty));
    valid = false;
}

if (tietPassword.getText().toString().trim().isEmpty()) {
    tilPassword.setError(getString(R.string.strCantEmpty));
    valid = false;
}

if (valid) {
    signin();
} else Toast.makeText(this, R.string.strCantEmpty,
Toast.LENGTH_SHORT).show();
}

private void signin() {
    LoadingSvc.loadingShow(this);

    Map<String, String> params = new HashMap<>();
    params.put("username", tietUsername.getText().toString());
    params.put("password", tietPassword.getText().toString());

    RqsDtc.StrRqsPOSTDtc(this, Cnn.url + "mahasiswa/login", params,
new Response.Listener<String>() {
        @Override
        public void onResponse(String response) {
            if (!response.equals("invalid") &&
!response.equals("err") && !response.isEmpty()) {
                try {
                    JSONObject jsonObject = new
JSONObject(response);

                    MahasiswaMdl mdl = new MahasiswaMdl();
                    mdl.npm = jsonObject.getString("npm");
                    mdl.nama = jsonObject.getString("nama");
                    mdl.jurusan = jsonObject.getString("jurusan");
                    mdl.nohp = jsonObject.getString("nohp");
                    mdl.tgllhr = jsonObject.getString("tgllhr");
                    mdl.password = jsonObject.getString("password");
                    mdl.status = jsonObject.getString("status");
                    mdl.saldo = jsonObject.getString("saldo");

                    SharedPreferences sharedPreferences =
getSharedPreferences("lgn", MODE_PRIVATE);
                    SharedPreferences.Editor editor =
sharedPreferences.edit();

                    editor.putString("npm", mdl.npm);
                    editor.putString("nama", mdl.nama);
                    editor.putString("jurusan", mdl.jurusan);
                    editor.putString("nohp", mdl.nohp);
                    editor.putString("tgllhr", mdl.tgllhr);
                    editor.putString("password", mdl.password);

```

```

        editor.putString("status", mdl.status);
        editor.putString("saldo", mdl.saldo);
        editor.apply();

        goHome (mdl);
    } catch (JSONException e) {
        e.printStackTrace();
    }
    } else Toast.makeText (SignIn.this,
R.string.strSignInFail, Toast.LENGTH_LONG).show();

        LoadingSvc.loadingDismiss ();
    }
}, new Response.ErrorListener() {
    @Override
    public void onResponse (VolleyError error) {
        LoadingSvc.loadingDismiss ();

        Toast.makeText (SignIn.this, R.string.strSignInFail,
Toast.LENGTH_LONG).show ();

        Log.e ("Rqs", error.toString());
    }
});
}

private void goHome (MahasiswaMdl mdl) {
    Intent intent = new Intent (this, Home.class);
    intent.putExtra ("mdl", mdl);
    intent.addFlags (Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
    startActivity (intent);
}
}
}

```

Coding Home

```

package com.flaniest.skripsi.pusdjusr;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.util.Log;
import android.widget.Toast;

import com.android.volley.Response;
import com.android.volley.VolleyError;
import com.enwif.lib.vllskr.RqsDtc;
import com.flaniest.skripsi.pusdjusr.cnn.Cnn;
import com.flaniest.skripsi.pusdjusr.mdl.MahasiswaMdl;
import com.flaniest.skripsi.pusdjusr.sct.Home;

import org.json.JSONException;
import org.json.JSONObject;

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

public class Main extends AppCompatActivity {

```

```

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

    SharedPreferences sharedPreferences =
getSharedPreferences("lgn", MODE_PRIVATE);
    if (sharedPreferences.getString("npm", null) != null &&
sharedPreferences.getString("password", null) != null) {
        MahasiswaMdl mdl = new MahasiswaMdl();
        mdl.npm = sharedPreferences.getString("npm", null);
        mdl.nama = sharedPreferences.getString("nama", null);
        mdl.jurusan = sharedPreferences.getString("jurusan", null);
        mdl.nohp = sharedPreferences.getString("nohp", null);
        mdl.tgllhr = sharedPreferences.getString("tgllhr", null);
        mdl.password = sharedPreferences.getString("password",
null);

        mdl.status = sharedPreferences.getString("status", null);
        mdl.saldo = sharedPreferences.getString("saldo", null);

        signin(mdl);
    } else goSignIn();
}

private void signin(MahasiswaMdl mdl) {
    Map<String, String> params = new HashMap<>();
    params.put("username", mdl.npm);
    params.put("password", mdl.password);

    RqsDtc.StrRqsPOSTDtc(this, Cnn.url + "mahasiswa/login", params,
new Response.Listener<String>() {
        @Override
        public void onResponse(String response) {
            if (!response.equals("invalid") &&
!response.equals("err") && !response.isEmpty()) {
                try {
                    JSONObject jsonObject = new
JSONObject(response);

                    MahasiswaMdl mdl = new MahasiswaMdl();
                    mdl.npm = jsonObject.getString("npm");
                    mdl.nama = jsonObject.getString("nama");
                    mdl.jurusan = jsonObject.getString("jurusan");
                    mdl.nohp = jsonObject.getString("nohp");
                    mdl.tgllhr = jsonObject.getString("tgllhr");
                    mdl.password = jsonObject.getString("password");
                    mdl.status = jsonObject.getString("status");
                    mdl.saldo = jsonObject.getString("saldo");

                    SharedPreferences sharedPreferences =
getSharedPreferences("lgn", MODE_PRIVATE);
                    SharedPreferences.Editor editor =
sharedPreferences.edit();

                    editor.putString("npm", mdl.npm);
                    editor.putString("nama", mdl.nama);
                    editor.putString("jurusan", mdl.jurusan);
                    editor.putString("nohp", mdl.nohp);
                    editor.putString("tgllhr", mdl.tgllhr);
                    editor.putString("password", mdl.password);
                    editor.putString("status", mdl.status);

```

```

        editor.putString("saldo", mdl.saldo);
        editor.apply();

        goHome (mdl);
    } catch (JSONException e) {
        Toast.makeText(Main.this,
R.string.strSignInFail, Toast.LENGTH_LONG).show();

        e.printStackTrace();
    }
    } else Toast.makeText(Main.this, R.string.strSignInFail,
Toast.LENGTH_LONG).show();
    }
    }, new Response.ErrorListener() {
        @Override
        public void onErrorResponse(VolleyError error) {
            Toast.makeText(Main.this, R.string.strSignInFail,
Toast.LENGTH_LONG).show();

            Log.e("Rqs", error.toString());
        }
    });
}

private void goHome (MahasiswaMdl mdl) {
    Intent intent = new Intent(this, Home.class);
    intent.putExtra("mdl", mdl);
    intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
    startActivity(intent);
}

private void goSignIn() {
    Intent intent = new Intent(this, SignIn.class);
    intent.addFlags(Intent.FLAG_ACTIVITY_CLEAR_TASK |
Intent.FLAG_ACTIVITY_NEW_TASK);
    startActivity(intent);
}
}
}

```

Model Mahasiswa

```

package com.flaniest.skripsi.pusdjusr.mdl;

import android.os.Parcel;
import android.os.Parcelable;

public class MahasiswaMdl implements Parcelable {
    public String npm, nama, jurusan, nohp, tglhr, password, status,
saldo;

    public MahasiswaMdl() {
    }

    protected MahasiswaMdl(Parcel in) {
        npm = in.readString();
        nama = in.readString();
        jurusan = in.readString();
        nohp = in.readString();
        tglhr = in.readString();
        password = in.readString();
    }
}

```

```

        status = in.readString();
        saldo = in.readString();
    }

    @Override
    public void writeToParcel(Parcel dest, int flags) {
        dest.writeString(npm);
        dest.writeString(nama);
        dest.writeString(jurusan);
        dest.writeString(nohp);
        dest.writeString(tgllhr);
        dest.writeString(password);
        dest.writeString(status);
        dest.writeString(saldo);
    }

    @Override
    public int describeContents() {
        return 0;
    }

    public static final Creator<MahasiswaMdl> CREATOR = new
    Creator<MahasiswaMdl>() {
        @Override
        public MahasiswaMdl createFromParcel(Parcel in) {
            return new MahasiswaMdl(in);
        }

        @Override
        public MahasiswaMdl[] newArray(int size) {
            return new MahasiswaMdl[size];
        }
    };
}

```

Model Buku

```

package com.flaniest.skripsi.pusdjusr.mdl;

import android.os.Parcel;
import android.os.Parcelable;

public class BookMdl implements Parcelable {
    public String idbuku;
    public String kategori;
    public String buku;
    public String pengarang;
    public String penerbit;
    public String thn;
    public String deskripsi;
    public String jumlah;
    public String sisa;
    public String telahpinjam;
    public byte[] imgByte;
    public boolean pinjam;

    public BookMdl() {
    }

    protected BookMdl(Parcel in) {
        idbuku = in.readString();
    }
}

```

```

        kategori = in.readString();
        buku = in.readString();
        pengarang = in.readString();
        penerbit = in.readString();
        thn = in.readString();
        deskripsi = in.readString();
        jumlah = in.readString();
        sisa = in.readString();
        telahpinjam = in.readString();
    }

    @Override
    public void writeToParcel(Parcel dest, int flags) {
        dest.writeString(idbuku);
        dest.writeString(kategori);
        dest.writeString(buku);
        dest.writeString(pengarang);
        dest.writeString(penerbit);
        dest.writeString(thn);
        dest.writeString(deskripsi);
        dest.writeString(jumlah);
        dest.writeString(sisa);
        dest.writeString(telahpinjam);
    }

    @Override
    public int describeContents() {
        return 0;
    }

    public static final Creator<BookMdl> CREATOR = new
    Creator<BookMdl>() {
        @Override
        public BookMdl createFromParcel(Parcel in) {
            return new BookMdl(in);
        }

        @Override
        public BookMdl[] newArray(int size) {
            return new BookMdl[size];
        }
    };
}

```

Model Peminjaman

```

package com.flaniest.skripsi.pusdjusr.mdl;

import android.os.Parcel;
import android.os.Parcelable;

public class PinjamMdl implements Parcelable {
    public String idpinjam, buku, tglpinjam, tglkembali, denda, status,
    mahasiswa_npm;

    public PinjamMdl() {
    }

    protected PinjamMdl(Parcel in) {
        idpinjam = in.readString();
        buku = in.readString();
    }
}

```

```

        tglpinjam = in.readString();
        tglkembali = in.readString();
        denda = in.readString();
        status = in.readString();
        mahasiswa_npm = in.readString();
    }

    @Override
    public void writeToParcel(Parcel dest, int flags) {
        dest.writeString(idpinjam);
        dest.writeString(buku);
        dest.writeString(tglpinjam);
        dest.writeString(tglkembali);
        dest.writeString(denda);
        dest.writeString(status);
        dest.writeString(mahasiswa_npm);
    }

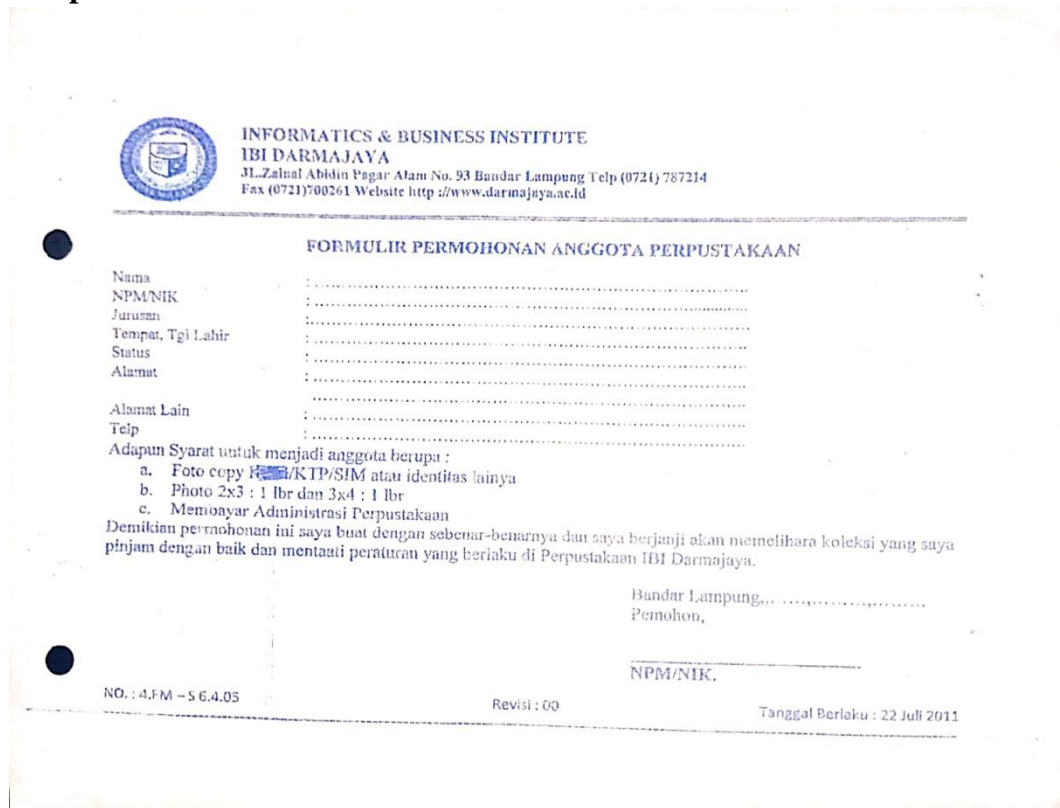
    @Override
    public int describeContents() {
        return 0;
    }

    public static final Creator<PinjamMdl> CREATOR = new
    Creator<PinjamMdl>() {
        @Override
        public PinjamMdl createFromParcel(Parcel in) {
            return new PinjamMdl(in);
        }

        @Override
        public PinjamMdl[] newArray(int size) {
            return new PinjamMdl[size];
        }
    };
}

```


2. Lampiran Gambar Penelitian



INFORMATICS & BUSINESS INSTITUTE
IBI DARMAJAYA
 Jl. Zulfahri Abidin Pagar Alam No. 93 Bandar Lampung Telp (0721) 787214
 Fax (0721)700261 Website http://www.darmajaya.ac.id

FORMULIR PERMOHONAN ANGGOTA PERPUSTAKAAN

Nama :
 NPM/NIK :
 Jurusan :
 Tempat, Tgl Lahir :
 Status :
 Alamat :
 Alamat Lain :
 Telp :

Adapun Syarat untuk menjadi anggota berupa :

- Foto copy KIP/SIM atau identitas lainnya
- Photo 2x3 : 1 lbr dan 3x4 : 1 lbr
- Memorayar Administrasi Perpustakaan

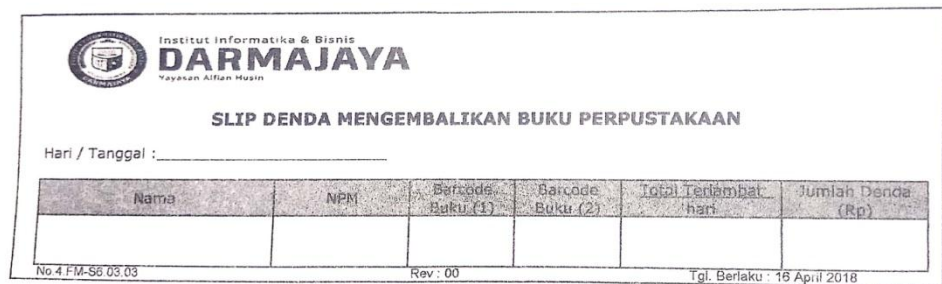
Demikian permohonan ini saya buat dengan sebenar-benarnya dan saya berjanji akan memelihara koleksi yang saya pinjam dengan baik dan mentaati peraturan yang berlaku di Perpustakaan IBI Darmajaya.

Bandar Lampung,
 Pemohon,

 NPM/NIK.

NO. : 4.FM - S 6.4.05 Revisi : 00 Tanggal Berlaku : 22 Juli 2011

Gambar Form Pendaftaran Keanggotaan Perpus



Institut Informatika & Bisnis
DARMAJAYA
 Yayasan Alifan Husin

SLIP DENDA MENGEMBALIKAN BUKU PERPUSTAKAAN

Hari / Tanggal : _____

Nama	NPM	Barcode Buku (1)	Barcode Buku (2)	Total Terlambat hari	Jumlah Denda (Rp)

No 4 FM-S6 03.03 Rev : 00 Tgl. Berlaku : 16 April 2018

Gambar Form Pembayaran Denda

3. Lampiran Hasil Wawancara

Tanggal dan waktu : 11 – Maret - 2019

Nama : RE. Harahap

1. Pertanyaan : Bagaimana proses Peminjamannya?

Jawaban : “Memberikan Buku yang ingin dipinjam dan juga kartu perpustakaan. Lalu petugas perpustakaan menginput ke digilib ke table peminjaman buku dan memasukkan ID/NPM lalu memilih peminjaman dan barkot lalu save”.

2. Pertanyaan : Berapa lama buku dapat dipinjam?

Jawaban : “Lamanya buku dapat dipinjam hanya 1 minggu dan tidak boleh meminjam buku dengan judul dan pengarang yang sama ”.

3. Pertanyaan : Bagaimana proses pengembaliannya?

Jawaban : “Memberikan buku ke petugas perpustakaan. Lalu petugas perpustakaan mengecek tanggal pengembalian dan mengembalikan kartu anggota”.

4. Pertanyaan : Bagaimana proses pembayaran dendanya?

Jawaban : “Petugas memberikan form denda ke mahasiswa. Lalu mahasiswa membawa form denda ke keuangan untuk membayar denda”.

4. Lampiran Notulen



Institut Informatika & Bisnis
DARMAJAYA
Yayasan Alfian Husin

BIRO ADMINISTRASI AKADEMIK KEMAHASISWAAN (BAAK)

NOTULEN SEMINAR PROPOSAL SKRIPSI


Nama Mahasiswa : Murdiana
NPM : 15.11.05.0031
Program Studi/Jur : S1(SI)TI/SK/AK/MA
Judul Proposal Skripsi : Sistem Informasi Peminjaman Buku Pada Perpustakaan
I.B. Darmajaya Bandar Lampung Berkasid Andesid

Tanggal Seminar :
Catatan Seminar:

Pertanyaan dan Saran:

1. Menu yang harus ditampilkan dari mulai pendaftaran Anggota. Notifikasi
2. Waktu / kodeis peminjaman buku.
3. History peminjaman & pencekungan.
4. U/ pembayaran danla usahatan bisa gunakan emoney.

Bandar Lampung, 8/5/2015
Pembahas Seminar,


(Dina Suliana)

Gambar Notulen Seminar Proposal Skripsi



Institut Informatika & Bisnis
DARMAJAYA
Yayasan Afilian Husni

BIRO ADMINISTRASI AKADEMIK KEMAHASISWAAN (BAAK)

NOTULEN SEMINAR PROPOSAL SKRIPSI

Nama Mahasiswa : Mardiana.....
NPM : 150610014.....
Program Studi/Jur : S1 @TI/SK/AK/MA
Judul Proposal Skripsi : Sistem Informasi Pengukuran Biaya Pada Perputakaan
I.I.B. Darmajaya Bandar Lampung. Bertha S.S. Adhika

Tanggal Seminar :
Catatan Seminar:

- Pertanyaan dan Saran:
1. SOP. Peninggian. buku.
 2. Metode penyusunan & data. Terutama. Pengendalian
 3. Stock. buku. & Revisi.
 4. Lem. penyajian. buku. & penyusunan. fasilitas. Revisi.

Bandar Lampung, 18-05-2019.
Pembahas Seminar,

Betty. Arsyah, Dosen, HM&SI

*] Coret yang tidak perlu

Gambar Notulen Seminar Proposal Skripsi



BIRO ADMINISTRASI AKADEMIK KEMAHASISWAAN (BAAK)

NOTULEN SEMINAR PROPOSAL SKRIPSI

Nama Mahasiswa : Mardiana
 NPM : 1511052039
 Program Studi/Jur : S1 (SI) TI/SK/AK/MA
 Judul Proposal Skripsi : System Informasi Peminjaman Buku Pada Perpustakaan I.I.B. Darmajaya Berbasis Android
 Tanggal Seminar :
 Catatan Seminar:

Pertanyaan dan Saran:

- ✓ Syarat? dilayani & pendaftaran ✓ ada notifikasi
- ✓ Proses denda } Fasilitas di Android.
- ✓ Stok buku & registrasi } bobby.
- ✓ Ganti kartu.
- ✓ Buku lama & tdk dipinjam & lama pinjam.
- ✓ Histori peminjaman / condong baca buku apa?

dona.

- ✓ Reminder peminjaman & pengembalian buku.
- ✓ Core Booking di Android.
- ✓ Dinamis.
- ✓ Antrian booking → baturnya. → Antrian berikutnya pk orang lain dibelikan.

Bandar Lampung,
 Pembahas Seminar,

[Signature]
 (M. Zaini)

*) Coret yang tidak perlu

Gambar Notulen Seminar Proposal Skripsi