```
package cyborg.pantaucctv;

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import butterknife.Bind;
import butterknife.ButterKnife;

public class MainActivity extends AppCompatActivity {
    private static final String TAG = "LoginActivity";
    private static final int REQUEST_SIGNUP = 0;
    DBHelper myDb;

    @Bind(R.id.input_email) EditText  _emailText;
    @Bind(R.id.input_password) EditText _passwordText;
    @Bind(R.id.btn_login) Button _loginButton;

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        ButterKnife.bind(this);
        myDb = new DBHelper(this);

        _loginButton.setOnClickListener(new
View.OnClickListener() {

            @Override
            public void onClick(View v) {
                login();
            }
        });


    }
```

```
    public void login() {
        Log.d(TAG, "Login");

        if (!validate()) {
            onLoginFailed();
            return;
        }

        _loginButton.setEnabled(false);

        final ProgressDialog progressDialog = new
ProgressDialog(MainActivity.this,
                R.style.AppTheme_Dark_Dialog);
        progressDialog.setIndeterminate(true);
        progressDialog.setMessage("Authenticating...");
        progressDialog.show();

        final String email =
_emailText.getText().toString();
        final String password =
_passwordText.getText().toString();

        // TODO: Implement your own authentication
logic here.

        new android.os.Handler().postDelayed(
                new Runnable() {
                    public void run() {
                        if
(myDb.cek_login(email,password)){
                            onLoginSuccess();
                        }else{
                            onLoginFailed();
                        }
                        // On complete call either
onLoginSuccess or onLoginFailed
                        //
                        //
                        progressDialog.dismiss();
                    }
                }, 3000);
    }
```

```
    @Override
    protected void onActivityResult(int requestCode,
int resultCode, Intent data) {
        if (requestCode == REQUEST_SIGNUP) {
            if (resultCode == RESULT_OK) {

                // TODO: Imple ment successful signup
logic here
                // By default we just finish the
Activity and log them in automatically
                this.finish();
            }
        }
    }

    @Override
    public void onBackPressed() {
        // disable going back to the MainActivity
        moveTaskToBack(true);
    }

    public void onLoginSuccess() {
        _loginButton.setEnabled(true);
        Intent a = new
Intent(MainActivity.this,PilihKamera.class);
        startActivity(a);
        finish();

    }

    public void onLoginFailed() {
        Toast.makeText(getBaseContext(), "Login
failed", Toast.LENGTH_LONG).show();

        _loginButton.setEnabled(true);
    }

    public boolean validate() {
        boolean valid = true;

        String email = _emailText.getText().toString();
        String password =
```

```
_passwordText.getText().toString();

//        if (email.isEmpty()
|| !android.util.Patterns.EMAIL_ADDRESS.matcher(email).
matches()) {
//            _emailText.setError("enter a valid email
address");
//            valid = false;
//        } else {
//            _emailText.setError(null);
//        }

        if (password.isEmpty() || password.length() < 4
|| password.length() > 10) {
            _passwordText.setError("between 4 and 10
alphanumeric characters");
            valid = false;
        } else {
            _passwordText.setError(null);
        }

        return valid;
    }
}


package cyborg.pantaucctv;

import android.content.Context;
import android.content.DialogInterface;
import android.content.Intent;
import android.os.Bundle;
import
android.support.design.widget.CollapsingToolbarLayout;
import android.support.design.widget.CoordinatorLayout;
import android.support.v7.app.AlertDialog;
import android.support.v7.app.AppCompatActivity;
import android.support.v7.widget.Toolbar;
import android.text.InputType;
import android.util.Log;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
```

```
import android.view.View;
import android.widget.AdapterView;
import android.widget.EditText;
import android.widget.GridView;
import android.widget.Toast;

import java.util.ArrayList;

import io.vov.vitamio.LibsChecker;

/**
 * Created by Dwi Rahma PutriSari on 4/29/2017.
 */

public class PilihKamera extends AppCompatActivity{
    Toolbar toolbar;
    CollapsingToolbarLayout
collapsingToolbarLayoutAndroid;
    CoordinatorLayout rootLayoutAndroid;
    GridView gridView;
    Context context;
    ArrayList arrayList;
    DBHelper myDb;
    public static ArrayList<String> data_kamera;
    public static String[] gridViewStrings = {
            "IPCam 1",
            "IPCam 2",
            "IPCam 3",
            "IPCam 4",
            "IPCam 5",
            "IPCam 6",
            "IPCam 7",
            "IPCam 8",
            "IPCam 9",
            "IPCam 10"

    };
    public static int[] gridViewImages = {
            R.drawable.ipcam,
            R.drawable.ipcam,
            R.drawable.ipcam,
            R.drawable.ipcam,
            R.drawable.ipcam,
```

```
            R.drawable.ipcam,
            R.drawable.ipcam,
            R.drawable.ipcam,
            R.drawable.ipcam,
            R.drawable.ipcam

    };

    @Override
    protected void onCreate(Bundle savedInstanceState)
{

        super.onCreate(savedInstanceState);
        if (!LibsChecker.checkVitamioLibs(this))
            return;
        setContentView(R.layout.layar_gird);

        myDb = new DBHelper(this);
        data_kamera = myDb.getAllIP();
        toolbar = (Toolbar) findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
        gridView = (GridView) findViewById(R.id.grid);
        gridView.setAdapter(new
CustomAndroidGridViewAdapter(this, gridViewStrings,
gridViewImages));
        gridView.setOnItemClickListener(new
AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?>
adapterView, View view, int i, long l) {

            }
        });

        initInstances();
    }

    private void initInstances() {
        rootLayoutAndroid = (CoordinatorLayout)
findViewById(R.id.android_coordinator_layout);
        collapsingToolbarLayoutAndroid =
(CollapsingToolbarLayout)
findViewById(R.id.collapsing_toolbar_android_layout);
```

```
        collapsingToolbarLayoutAndroid.setTitle("Select
IPCam");
    }

    public static void kamera(final Context
context,final int id){
        KameraView.videoSrc =
"rtsp://"+data_kamera.get(id-
1).toString()+":554/onvif1";
        MediaPlayerDemo_Video.path =
"rtsp://"+data_kamera.get(id-
1).toString()+":554/onvif1";
        Intent a = new
Intent(context,MediaPlayerDemo_Video.class);
        context.startActivity(a);
        //Intent a = new
Intent(context,KameraView.class);
        //context.startActivity(a);
        //((Activity)context).finish();
    }

    public static void pilihan_kamera(final Context
context,final int id){



        //Toast.makeText(context," "+
String.valueOf(id) , Toast.LENGTH_SHORT).show();
        AlertDialog.Builder builder = new
AlertDialog.Builder(context,R.style.AppTheme_Dark_Dialo
g);
        builder.setTitle("IP");

// Set up the input
        final EditText input = new EditText(context);
// Specify the type of input expected; this, for
example, sets the input as a password, and will mask
the text
        input.setInputType(InputType.TYPE_CLASS_TEXT);
        input.setText(data_kamera.get(id-
1).toString());
        builder.setView(input);
```

```
// Set up the buttons
        builder.setPositiveButton("OK", new
DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialog,
int which) {
                String m_Text =
input.getText().toString();
                Log.e("data",m_Text);
                DBHelper myDb = new DBHelper(context);
                myDb.updateIP(id,m_Text);
                Toast.makeText(context,"Ubah menjadi IP
"+ m_Text+" Berhasil !",Toast.LENGTH_SHORT).show();
                data_kamera.set(id-1,m_Text);
            }
        });
        builder.setNegativeButton("Cancel", new
DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialog,
int which) {
                dialog.cancel();
            }
        });

        builder.show();

    }
    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        MenuInflater inflater = getMenuInflater();
        inflater.inflate(R.menu.menu, menu);

        return true;

    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item)
{
        //return super.onOptionsItemSelected(item);
        switch (item.getItemId()) {
```

```
            case R.id.ubah_pass:
                //newGame();
                Log.e("ubah","ubah berhasil");
                Intent a = new
Intent(PilihKamera.this,UbahPass.class);
                startActivity(a);
                finish();
                return true;
            case R.id.logout:
                //showHelp();
                Log.e("ubah","logout berhasil");
                Intent b = new
Intent(PilihKamera.this,MainActivity.class);
                startActivity(b);
                finish();
                return true;
            default:
                return
super.onOptionsItemSelected(item);
        }

    }
}
```

```
package cyborg.pantaucctv;

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import butterknife.Bind;
import butterknife.ButterKnife;

/**
 * Created by Dwi Rahma PutriSari on 4/30/2017.
 */
```

```
public class UbahPass extends AppCompatActivity {
    @Bind(R.id.username) EditText _userbaru;
    @Bind(R.id.oldpass) EditText _oldpass;
    @Bind(R.id.newpass) EditText _newpass;
    @Bind(R.id.confpass) EditText _confpass;
    @Bind(R.id.btn_ganti) Button _btnUbah;
    @Bind(R.id.btn_kembali) Button _btnKembali;


    DBHelper myDb;
    @Override
    protected void onCreate(@Nullable Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.ganti_password);
        ButterKnife.bind(this);
        myDb = new DBHelper(this);

        _btnUbah.setOnClickListener(new
View.OnClickListener(){
            @Override
            public void onClick(View view) {
                ubah();
            }
        });

        _btnKembali.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent a = new
Intent(UbahPass.this,PilihKamera.class);
                startActivity(a);
                finish();
            }
        });

    }


    void ubah(){
        if (!validate()) {
```

```
            GagalUbah();
            return;
        }
        _btnUbah.setEnabled(false);
        final ProgressDialog progressDialog = new
ProgressDialog(UbahPass.this,
                R.style.AppTheme_Dark_Dialog);
        progressDialog.setIndeterminate(true);
        progressDialog.setMessage("Authenticating...");
        progressDialog.show();

        final String username =
_userbaru.getText().toString();
        final String oldpassword =
_oldpass.getText().toString();
        final String newpassword =
_newpass.getText().toString();

        // TODO: Implement your own authentication
logic here.

        new android.os.Handler().postDelayed(
                new Runnable() {
                    public void run() {
                        if
(myDb.ubah_login(username,oldpassword,newpassword)){
                            SuksesUbah();
                        }else{
                            GagalUbah();
                        }
                        // On complete call either
onLoginSuccess or onLoginFailed
                        //
                        //
                        progressDialog.dismiss();
                    }
                }, 3000);
    }

    void GagalUbah(){
        Toast.makeText(getBaseContext(), "Gagal
Mengubah", Toast.LENGTH_LONG).show();
```

```
        _btnUbah.setEnabled(true);
    }
    void SuksesUbah(){
        _btnUbah.setEnabled(true);
        Intent a = new
Intent(UbahPass.this,PilihKamera.class);
        startActivity(a);
        finish();
    }
    public boolean validate() {
        boolean valid = true;

        String user = _userbaru.getText().toString();
        String oldpass = _oldpass.getText().toString();
        String newpass = _newpass.getText().toString();
        String confpass =
_confpass.getText().toString();

//        if (email.isEmpty()
|| !android.util.Patterns.EMAIL_ADDRESS.matcher(email).
matches()) {
//            _emailText.setError("enter a valid email
address");
//            valid = false;
//        } else {
//            _emailText.setError(null);
//        }


        if (oldpass.isEmpty() || oldpass.length() < 4
|| oldpass.length() > 10) {
            _oldpass.setError("between 4 and 10
alphanumeric characters");
            valid = false;
        } else {
            _oldpass.setError(null);
        }

        if (newpass.isEmpty() ||  newpass.length() < 4
|| newpass.length() > 10) {
            _newpass.setError("between 4 and 10
alphanumeric characters");
            valid = false;
```

```
            } else {
                _newpass.setError(null);
            }

            if (!newpass.equals(confpass)){
                _confpass.setError("Password Tidak Sama");
                valid = false;
            } else {
                _confpass.setError(null);
            }


            return valid;
        }
    }
```