

**Software Engineering**  
**Lab Assessment 8**  
**Aim : Coding Phase 1**

**Team ID: 8**  
**Date : 14/09/2019**

**Lab : L55-L56**

**Code**  
**MainActivity.java**

```
package me.twodee.foogle;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;
import com.facebook.accountkit.AccessToken;
import com.facebook.accountkit.AccountKit;
import com.facebook.accountkit.ui.AccountKitActivity;
import com.facebook.accountkit.ui.AccountKitConfiguration;
import com.facebook.accountkit.ui.LoginType;
import com.facebook.accountkit.AccountKitLoginResult;

public class MainActivity extends AppCompatActivity
{
    public static int APP_REQUEST_CODE = 99;

    @Override
    protected void onActivityResult(
        final int requestCode,
        final int resultCode,
        final Intent data)
    {
        super.onActivityResult(requestCode, resultCode, data);
        if (requestCode == APP_REQUEST_CODE) {
            AccountKitLoginResult loginResult =
data.getParcelableExtra(AccountKitLoginResult.RESULT_KEY);
            String toastMessage;
            if (loginResult.getError() != null) {
                toastMessage = loginResult.getError().getErrorMessage();
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        //showErrorActivity(loginResult.getError());
    } else if (loginResult.wasCancelled()) {
        toastMessage = "Login Cancelled";
    } else {
        if (loginResult.getAccessToken() != null) {
            toastMessage = "Success:" + loginResult.getAccessToken().getAccountId();
        } else {
            toastMessage = String.format(
                "Success:%s...",
                loginResult.getAuthorizationCode().substring(0, 10));
        }

        // If you have an authorization code, retrieve it from
        // String authorizationCode = loginResult.getAuthorizationCode();
        // toastMessage = "Auth code: " + authorizationCode;
        // and pass it to your server and exchange it for an access token.

        // Success! Start your next activity...
        goToMyLoggedInActivity();
    }

    // Surface the result to your user in an appropriate way.
    Toast.makeText(
        this,
        toastMessage,
        Toast.LENGTH_LONG)
        .show();
}

private void goToMyLoggedInActivity()
{

    startActivity(new Intent(this, RegisterDetails.class));
}

@Override
protected void onCreate(Bundle savedInstanceState)
{
    super.onCreate(savedInstanceState);
    AccessToken accessToken = AccountKit.getCurrentAccessToken();
    if (accessToken != null) {
        goToMyLoggedInActivity();
    }
}

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    } else {
        setContentView(R.layout.activity_main);
    }
}

public void phoneLogin(final View view)
{

    final Intent intent = new Intent(this, AccountKitActivity.class);
    AccountKitConfiguration.AccountKitConfigurationBuilder configurationBuilder =
        new AccountKitConfiguration.AccountKitConfigurationBuilder(
            LoginType.PHONE,
            AccountKitActivity.ResponseType.TOKEN);

    intent.putExtra(
        AccountKitActivity.ACCOUNT_KIT_ACTIVITY_CONFIGURATION,
        configurationBuilder.build());
    startActivityForResult(intent, APP_REQUEST_CODE);
}

}

```

### **RegisterDetails.java**

```

package me.twodee.bluefish;

import android.app.Activity;
import android.app.DatePickerDialog;
import android.app.DialogFragment;
import android.content.Intent;
import android.database.Cursor;
import android.graphics.Bitmap;
import android.net.Uri;
import android.provider.MediaStore;
import android.support.design.widget.FloatingActionButton;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.MotionEvent;
import android.view.View;
import android.view.Window;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

```

```

import com.facebook.accountkit.Account;
import com.facebook.accountkit.AccountKit;
import com.facebook.accountkit.AccountKitCallback;
import com.facebook.accountkit.AccountKitError;
import com.facebook.accountkit.PhoneNumber;
import me.twodee.bluefish.Fragment.DatePickerFragment;

import java.io.FileNotFoundException;
import java.io.IOException;

public class RegisterDetails extends Activity implements DatePickerDialog.OnDateSetListener
{
    public static final int GET_FROM_GALLERY = 3;

    @Override
    protected void onCreate(Bundle savedInstanceState)
    {
        super.onCreate(savedInstanceState);
        this.requestWindowFeature(Window.FEATURE_NO_TITLE);
        setContentView(R.layout.activity_logged_in);

        final FloatingActionButton uploadPic = findViewById(R.id.uploadImageFAB);

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

        AccountKit.getCurrentAccount(new AccountKitCallback<Account>()
        {
            @Override
            public void onSuccess(final Account account)
            {
                // Get Account Kit ID
                String accountKitId = account.getId();

                // Get phone number
                PhoneNumber phoneNumber = account.getPhoneNumber();
                if (phoneNumber != null) {

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        String phoneNumberString = phoneNumber.toString();
        //final TextView idTxtView = findViewById(R.id.lblID);
        //final TextView phoneTxtView = findViewById(R.id.lblPhone);

        //idTxtView.setText(accountKitId);
        /// phoneTxtView.setText(phoneNumberString);
    }
}

@Override
public void onError(final AccountKitError error)
{
    // Handle Error
    displayError(error.toString());
}
});

final EditText bdayTxt = findViewById(R.id.bdayTxt);

bdayTxt.setOnTouchListener(new View.OnTouchListener() {
    @Override
    public boolean onTouch(View v, MotionEvent event) {
        final int DRAWABLE_LEFT = 0;
        final int DRAWABLE_TOP = 1;
        final int DRAWABLE_RIGHT = 2;
        final int DRAWABLE_BOTTOM = 3;

        if(event.getAction() == MotionEvent.ACTION_UP) {
            if(event.getRawX() >= (bdayTxt.getRight() -
bdayTxt.getCompoundDrawables()[DRAWABLE_RIGHT].getBounds().width())) {
                showDatePickerDialog(v);

                return true;
            }
        }
        return false;
    }
});
}

private void displayError(String errorMsg)
{

```

```

        Toast.makeText(this, "Something went wrong " + errorMsg,
Toast.LENGTH_LONG).show();
    }

    public void showDatePickerDialog(View v) {
        DialogFragment newFragment = new DatePickerFragment();
        newFragment.show(getFragmentManager(), "datePicker");
    }

    public void onDateSet(DatePicker view, int year, int month, int day) {
        final EditText bday = findViewById(R.id.bdayTxt);
        //bday.setText();
    }

    public void clickUploadImage(View v) {
        Intent photoPickerIntent = new Intent(Intent.ACTION_PICK);
        photoPickerIntent.setType("image/*");
        startActivityForResult(photoPickerIntent, 1);
    }

    @Override
    protected void onActivityResult(int requestCode, int resultCode, Intent data) {
        super.onActivityResult(requestCode, resultCode, data);

        //Detects request codes
        if(requestCode== GET_FROM_GALLERY && resultCode == Activity.RESULT_OK) {
            Uri selectedImage = data.getData();
            Bitmap bitmap = null;
            try {
                bitmap = MediaStore.Images.Media.getBitmap(this.getContentResolver(),
selectedImage);
            } catch (IOException e) {
                // TODO Auto-generated catch block
                e.printStackTrace();
            }
        }
    }
}

```