Develop an Online Registration App with three screens: Login, Registration and a Welcome dashboard.
The registered users may be able to login whereas the newly registered users may enter their basic
details such as name, DOB, address and store the data using SQLite.

MainActivity.java

```java
package com.indran.onlineregistration;

import android.content.Intent;
import android.content.SharedPreferences;
import android.database.Cursor;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;

import org.json.JSONObject;

public class MainActivity extends AppCompatActivity {

    final String PREFS_NAME = "UserFile";
    DatabaseHelper databaseHelper;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);



        databaseHelper = new DatabaseHelper(MainActivity.this);

        doFirst();
    }


    private void doFirst (){







        SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);
        Intent login = null;

        if(settings.contains("id") ){
            login = new Intent(getApplicationContext(),Home.class);
```

```java
        } else {
            login = new Intent(getApplicationContext(),LoginActivity.class);

        }

        startActivity(login);




    }
}
```

DatabaseHelper.java

```java
package com.indran.onlineregistration;

/**
 * Created by stud on 23/3/18.
 */

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;

/**
 * Created by ProgrammingKnowledge on 4/3/2015.
 */
public class DatabaseHelper extends SQLiteOpenHelper {
    public static final String DATABASE_NAME = "indran.db";
    public static final String TABLE_NAME = "basic_details";
    public static final String COL_1 = "ID";
    public static final String COL_2 = "NAME";
    public static final String COL_3 = "EMAIL";
    public static final String COL_4 = "DOB";
    public static final String COL_5 = "ADDRESS";
    public static final String COL_6 = "PASSWORD";

    public DatabaseHelper(Context context) {
        super(context, DATABASE_NAME, null, 1);
```

```java
    }

    @Override
    public void onCreate(SQLiteDatabase db) {
        db.execSQL("create table " + TABLE_NAME +
                " (ID INTEGER PRIMARY KEY AUTOINCREMENT,NAME TEXT,DOB TEXT,EMAIL
TEXT ,ADDRESS TEXT, PASSWORD TEXT)");
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
        db.execSQL("DROP TABLE IF EXISTS "+TABLE_NAME);
        onCreate(db);
    }

    public boolean insertData(String name,String email, String dob,String address, String password) {
        SQLiteDatabase db = this.getWritableDatabase();
        ContentValues contentValues = new ContentValues();
        contentValues.put(COL_2,name);
        contentValues.put(COL_3,email);
        contentValues.put(COL_4,dob);
        contentValues.put(COL_5,address);
        contentValues.put(COL_6,password);
        long result = db.insert(TABLE_NAME,null ,contentValues);
        if(result == -1)
            return false;
        else
            return true;
    }

    public Cursor getAllData() {
        SQLiteDatabase db = this.getWritableDatabase();
        Cursor res = db.rawQuery("select * from "+TABLE_NAME,null);
        return res;
    }

    public boolean updateData(String id,String name,String email,String dob,String address, String
password) {
        SQLiteDatabase db = this.getWritableDatabase();
        ContentValues contentValues = new ContentValues();
        contentValues.put(COL_1,id);
        contentValues.put(COL_2,name);
        contentValues.put(COL_3,email);
        contentValues.put(COL_4,dob);
        contentValues.put(COL_5,address);
        contentValues.put(COL_6,password);
        db.update(TABLE_NAME, contentValues, "ID = ?",new String[] { id });
        return true;
    }
```

```java
    public Integer deleteData (String id) {
        SQLiteDatabase db = this.getWritableDatabase();
        return db.delete(TABLE_NAME, "ID = ?",new String[] {id});
    }
}


Home.java
package com.indran.onlineregistration;

import android.content.Intent;
import android.content.SharedPreferences;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;

public class Home extends AppCompatActivity {

    final String PREFS_NAME = "UserFile";
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);
    }


    public void registration(View view) {
    }

    public void update(View view) {

        Intent intent = new Intent( Home.this, Update.class);

        startActivity(intent);

    }

    public void exit(View view) {

        SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);

        settings.edit().remove("id").commit();

        Intent intent = new Intent( Home.this, MainActivity.class);

        startActivity(intent);
    }
}
```

LoginActivity.java

```java
package com.indran.onlineregistration;

import android.app.Activity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.database.Cursor;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AutoCompleteTextView;

public class LoginActivity extends Activity {

    final String PREFS_NAME = "UserFile";
    DatabaseHelper databaseHelper;

    AutoCompleteTextView email, passwd;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);



        databaseHelper = new DatabaseHelper(LoginActivity.this);


        email = (AutoCompleteTextView) findViewById(R.id.email);
        passwd = (AutoCompleteTextView) findViewById(R.id.password);


    }

    public void login(View view) {

        int isLogin = 0;


        Cursor res = databaseHelper.getAllData();
        if(res.getCount() == 0) {
            // show message
            Log.d("Error","Nothing found");
            return;
```

```java
        }

        StringBuffer buffer = new StringBuffer();
        while (res.moveToNext()) {


            String id = res.getString(res.getColumnIndex(DatabaseHelper.COL_1));
            String username = res.getString(res.getColumnIndex(DatabaseHelper.COL_3));
            String password = res.getString(res.getColumnIndex(DatabaseHelper.COL_6));

            if (username.equals(email.getText().toString()) &&
password.equals(passwd.getText().toString()))
                isLogin = Integer.parseInt(id);


        }


        if (isLogin > 0 ) {
            SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);
            settings.edit().putString("id", String.valueOf(isLogin)).commit();


            Intent intent = new Intent( LoginActivity.this, Home.class);
            startActivity(intent);
        } else {

            passwd.setError(" invalid username or password ");
        }



    }

    public void register(View view) {


        Intent intent = new Intent( LoginActivity.this, Registration.class);
        startActivity(intent);
    }
}
```

Registration.java

package com.indran.onlineregistration;

```java
import android.annotation.SuppressLint;
import android.app.DatePickerDialog;
import android.app.Dialog;
import android.content.Intent;
import android.content.SharedPreferences;
import android.database.Cursor;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AutoCompleteTextView;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.Toast;

import java.util.Calendar;

public class Registration extends AppCompatActivity {


    AutoCompleteTextView name, email, dob, address, password, cpassword;



    final String PREFS_NAME = "UserFile";
    private DatePicker datePicker;
    private Calendar calendar;

    private int year, month, day;


    DatabaseHelper databaseHelper;

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

        name = (AutoCompleteTextView) findViewById(R.id.name);
        email = (AutoCompleteTextView) findViewById(R.id.email);
        dob = (AutoCompleteTextView) findViewById(R.id.dob);
        address = (AutoCompleteTextView) findViewById(R.id.address);

        password = (AutoCompleteTextView) findViewById(R.id.password);

        cpassword = (AutoCompleteTextView) findViewById(R.id.cpassword);


        calendar = Calendar.getInstance();
```

```java
    year = calendar.get(Calendar.YEAR);

    month = calendar.get(Calendar.MONTH);
    day = calendar.get(Calendar.DAY_OF_MONTH);
    showDate(year, month+1, day);


    databaseHelper = new DatabaseHelper(Registration.this);

    dob.setOnFocusChangeListener(new View.OnFocusChangeListener() {
        @Override
        public void onFocusChange(View view, boolean hasFocus) {
            if (hasFocus) {
                setDate(view);
                }
        }
    });

}



@SuppressWarnings("deprecation")
public void setDate(View view) {
    showDialog(999);
    Toast.makeText(getApplicationContext(), "ca",
            Toast.LENGTH_SHORT)
            .show();
}

@Override
protected Dialog onCreateDialog(int id) {
    // TODO Auto-generated method stub
    if (id == 999) {
        return new DatePickerDialog(this,
                myDateListener, year, month, day);
    }
    return null;
}

private DatePickerDialog.OnDateSetListener myDateListener = new
        DatePickerDialog.OnDateSetListener() {
            @Override
            public void onDateSet(DatePicker arg0,
                            int arg1, int arg2, int arg3) {
                // TODO Auto-generated method stub
                showDate(arg1, arg2+1, arg3);
            }
        };
```

```java
    private void showDate(int year, int month, int day) {
        dob.setText(new StringBuilder().append(year).append("-")
                .append(month).append("-").append(day));
    }

    private boolean requited( AutoCompleteTextView v){
        if (v.getText().toString().matches("")) {
            v.setError("requited");
            return true;
        }
        return  false;
    }


    @SuppressLint("LongLogTag")
    public void registration(View view) {

        if (requited( name))
            return;

        if (requited( email))
            return;

        if (requited( dob))
            return;

        if (requited( address))
            return;
        if (requited( password))
            return;



        if (! cpassword.getText().toString().equals(password.getText().toString())) {
            cpassword.setError("password mismatch ");
            return;
        }


        boolean isInserted = databaseHelper.insertData(name.getText().toString(),
email.getText().toString(),
            dob.getText().toString(),
            address.getText().toString(), password.getText().toString() );
        if(isInserted == true){

            Toast.makeText(Registration.this,"Registration successful ",Toast.LENGTH_LONG).show();

//setLogin();
```

```java
            Intent intent = new Intent( Registration.this, MainActivity.class);

            startActivity(intent);
        }
         else
            Toast.makeText(Registration.this,"invalid data ",Toast.LENGTH_LONG).show();




    }

    private void  setLogin () {
            Cursor res = databaseHelper.getAllData();
        if(res.getCount() == 0) {
            // show message
            Log.d("Error","Nothing found");
            return;
        }

        StringBuffer buffer = new StringBuffer();
        while (res.moveToNext()) {

//          SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);
//          settings.edit().putString("id", res.getString(0)).commit();
            break;
        }


    }
}
```

Update.java

package com.indran.onlineregistration;

import android.annotation.SuppressLint;
import android.app.DatePickerDialog;
import android.app.Dialog;
import android.content.Intent;
import android.content.SharedPreferences;

```java
import android.database.Cursor;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AutoCompleteTextView;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.Toast;

import java.util.Calendar;

public class Update extends AppCompatActivity {


    AutoCompleteTextView name, email, dob, address, password, cpassword;



    final String PREFS_NAME = "UserFile";
    private DatePicker datePicker;
    private Calendar calendar;

    private int year, month, day;
    SharedPreferences settings;

    DatabaseHelper databaseHelper;

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

        name = (AutoCompleteTextView) findViewById(R.id.name);
        email = (AutoCompleteTextView) findViewById(R.id.email);
        dob = (AutoCompleteTextView) findViewById(R.id.dob);
        address = (AutoCompleteTextView) findViewById(R.id.address);

        password = (AutoCompleteTextView) findViewById(R.id.password);

        cpassword = (AutoCompleteTextView) findViewById(R.id.cpassword);


        settings = getSharedPreferences(PREFS_NAME, 0);

        calendar = Calendar.getInstance();
        year = calendar.get(Calendar.YEAR);

        month = calendar.get(Calendar.MONTH);
```

```java
        day = calendar.get(Calendar.DAY_OF_MONTH);
        showDate(year, month+1, day);


        databaseHelper = new DatabaseHelper(Update.this);

        dob.setOnFocusChangeListener(new View.OnFocusChangeListener() {
            @Override
            public void onFocusChange(View view, boolean hasFocus) {
                if (hasFocus) {
                    setDate(view);
                }
            }
        });



        fetchFirst ();

    }



    @SuppressWarnings("deprecation")
    public void setDate(View view) {
        showDialog(999);
        Toast.makeText(getApplicationContext(), "ca",
                Toast.LENGTH_SHORT)
                .show();
    }

    @Override
    protected Dialog onCreateDialog(int id) {
        // TODO Auto-generated method stub
        if (id == 999) {
            return new DatePickerDialog(this,
                    myDateListener, year, month, day);
        }
        return null;
    }

    private DatePickerDialog.OnDateSetListener myDateListener = new
            DatePickerDialog.OnDateSetListener() {
                @Override
                public void onDateSet(DatePicker arg0,
                                int arg1, int arg2, int arg3) {
                    // TODO Auto-generated method stub
                    showDate(arg1, arg2+1, arg3);
                }
```

```java
        };

    private void showDate(int year, int month, int day) {
        dob.setText(new StringBuilder().append(year).append("-")
                .append(month).append("-").append(day));
    }

    private boolean requited( AutoCompleteTextView v){
        if (v.getText().toString().matches("")) {
            v.setError("requited");
            return true;
        }
        return  false;
    }


    @SuppressLint("LongLogTag")
    public void registration(View view) {

        if (requited( name))
            return;

        if (requited( email))
            return;

        if (requited( dob))
            return;

        if (requited( address))
            return;
        if (requited( password))
            return;




        if (! cpassword.getText().toString().equals(password.getText().toString())) {
            cpassword.setError("password mismatch ");
            return;
        }




        boolean isInserted = databaseHelper.updateData(String.valueOf(settings.getString("id", "")),
name.getText().toString(), email.getText().toString(),
            dob.getText().toString(),
            address.getText().toString(), password.getText().toString() );
        if(isInserted == true){
```

```java
            Toast.makeText(Update.this,"Data Inserted",Toast.LENGTH_LONG).show();


            Intent intent = new Intent( Update.this, Home.class);

            startActivity(intent);
        }
        else
            Toast.makeText(Update.this,"Data not Inserted",Toast.LENGTH_LONG).show();




}


private void  fetchFirst () {

    int isLogin = 0;
    Cursor res = databaseHelper.getAllData();
    if(res.getCount() == 0) {
        // show message
        Log.d("Error","Nothing found");
        return;
    }

    while (res.moveToNext()) {


        String id = res.getString(res.getColumnIndex(DatabaseHelper.COL_1));

        Log.d("MAIN", settings.getString("id", ""));




        if (id.equals( settings.getString("id", "")) )
            isLogin = Integer.parseInt(id);

        name.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_2)));
```

```java
        email.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_3)));
        dob.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_4)));
        address.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_5)));



    }


    if ( ! (isLogin > 0) ) {
        Intent intent = new Intent( Update.this, Home.class);
        startActivity(intent);
    } else {



    }



    }


}
```

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.indran.onlineregistration.MainActivity"
    android:theme="@android:style/Theme.Black.NoTitleBar.Fullscreen">


    <ImageView
        android:id="@+id/imageView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="113dp"
        app:srcCompat="@mipmap/ic_launcher" />
```

```xml
    <ProgressBar
        android:id="@+id/progressBar"
        style="?android:attr/progressBarStyle"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/imageView"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="108dp" />

</RelativeLayout>
```

activity_home.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center_horizontal"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:theme="@style/AppTheme"
    tools:context="com.indran.onlineregistration.Home">


    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Edit details"
        android:onClick="update"/>
    <Button
        android:id="@+id/button2"
        android:layout_marginTop="20dp"
        android:layout_below="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="logout"
        android:onClick="exit"/>
</RelativeLayout>
```

activity_login.xml

```xml
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center_horizontal"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:theme="@style/AppTheme"
    tools:context="com.indran.onlineregistration.LoginActivity">

    <!-- Login progress -->
    <ProgressBar
        android:id="@+id/login_progress"
        style="?android:attr/progressBarStyleLarge"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginBottom="8dp"
        android:visibility="gone" />

    <ScrollView
        android:id="@+id/login_form"
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <LinearLayout
            android:id="@+id/email_login_form"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <android.support.design.widget.TextInputLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <AutoCompleteTextView
                    android:id="@+id/email"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:hint="@string/prompt_email"
                    android:inputType="textEmailAddress"
                    android:maxLines="1"
                    android:singleLine="true" />

            </android.support.design.widget.TextInputLayout>
```

```xml
<android.support.design.widget.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <AutoCompleteTextView
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="password"
        android:imeActionId="6"
        android:imeActionLabel="@string/action_sign_in_short"
        android:imeOptions="actionUnspecified"
        android:inputType="textPassword"
        android:maxLines="1"
        android:singleLine="true" />

</android.support.design.widget.TextInputLayout>


<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:layout_gravity="right"
    android:clickable="true"
    android:onClick="register"
    android:text="new user ?"/>
<Button
    android:id="@+id/email_sign_in_button"
    style="?android:textAppearanceSmall"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="16dp"
    android:text="@string/action_sign_in"
    android:textStyle="bold"
    android:onClick="login"/>

        </LinearLayout>
    </ScrollView>
</LinearLayout>
```

activity_registration .xml

```xml
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center_horizontal"
    android:orientation="vertical"
```

```
        android:paddingBottom="@dimen/activity_vertical_margin"
        android:paddingLeft="@dimen/activity_horizontal_margin"
        android:paddingRight="@dimen/activity_horizontal_margin"
        android:paddingTop="@dimen/activity_vertical_margin"
        android:theme="@style/AppTheme"
        tools:context="com.indran.onlineregistration.Registration">

        <!-- Login progress -->
        <ProgressBar
            android:id="@+id/login_progress"
            style="?android:attr/progressBarStyleLarge"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginBottom="8dp"
            android:visibility="gone" />

        <ScrollView
            android:id="@+id/login_form"
            android:layout_width="match_parent"
            android:layout_height="match_parent">

        <LinearLayout
            android:id="@+id/email_login_form"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <android.support.design.widget.TextInputLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <AutoCompleteTextView
                    android:id="@+id/name"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:hint="name"
                    android:inputType="text"
                    android:maxLines="1"
                    android:singleLine="true" />

            </android.support.design.widget.TextInputLayout>
            <android.support.design.widget.TextInputLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <AutoCompleteTextView
                    android:id="@+id/email"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
```

```xml
        android:hint="email"
        android:inputType="textEmailAddress"
        android:maxLines="1"
        android:singleLine="true" />

</android.support.design.widget.TextInputLayout>




<android.support.design.widget.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <AutoCompleteTextView
        android:id="@+id/dob"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="date of birth "
        android:inputType="textEmailAddress"
        android:maxLines="1"
        android:singleLine="true" />

    </android.support.design.widget.TextInputLayout>



    <android.support.design.widget.TextInputLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

        <AutoCompleteTextView
            android:id="@+id/address"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="address"
            android:lines="3"
            android:gravity="top"
            android:singleLine="false"
            android:inputType="textMultiLine" />

        </android.support.design.widget.TextInputLayout>



        <android.support.design.widget.TextInputLayout
```

```xml
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <AutoCompleteTextView
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="password"
        android:imeActionId="6"
        android:imeActionLabel="@string/action_sign_in_short"
        android:imeOptions="actionUnspecified"
        android:inputType="textPassword"
        android:maxLines="1"

        android:singleLine="true" />

</android.support.design.widget.TextInputLayout>

<android.support.design.widget.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <AutoCompleteTextView
        android:id="@+id/cpassword"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="confirm password"
        android:imeActionId="6"
        android:imeActionLabel="@string/action_sign_in_short"
        android:imeOptions="actionUnspecified"
        android:inputType="textPassword"
        android:maxLines="1"
        android:singleLine="true" />

</android.support.design.widget.TextInputLayout>


<Button
    android:id="@+id/email_sign_in_button"
    style="?android:textAppearanceSmall"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="16dp"
    android:text="registration"
    android:textStyle="bold"
    android:onClick="registration"/>

    </LinearLayout>
</ScrollView>
```

```
                    </LinearLayout>


activity_update.xml


<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center_horizontal"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:theme="@style/AppTheme"
    tools:context="com.indran.onlineregistration.Update">

    <!-- Login progress -->
    <ProgressBar
        android:id="@+id/login_progress"
        style="?android:attr/progressBarStyleLarge"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginBottom="8dp"
        android:visibility="gone" />

    <ScrollView
        android:id="@+id/login_form"
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <LinearLayout
            android:id="@+id/email_login_form"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical">

            <android.support.design.widget.TextInputLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content">

                <AutoCompleteTextView
                    android:id="@+id/name"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:hint="name"
```

```xml
        android:inputType="text"
        android:maxLines="1"
        android:singleLine="true" />

</android.support.design.widget.TextInputLayout>
<android.support.design.widget.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <AutoCompleteTextView
        android:id="@+id/email"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="email"
        android:inputType="textEmailAddress"
        android:maxLines="1"
        android:singleLine="true" />

    </android.support.design.widget.TextInputLayout>




    <android.support.design.widget.TextInputLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

        <AutoCompleteTextView
            android:id="@+id/dob"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="date of birth "
            android:inputType="textEmailAddress"
            android:maxLines="1"
            android:singleLine="true" />

        </android.support.design.widget.TextInputLayout>



        <android.support.design.widget.TextInputLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">

            <AutoCompleteTextView
                android:id="@+id/address"
```

```xml
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="address"
        android:lines="3"
        android:gravity="top"
        android:singleLine="false"
        android:inputType="textMultiLine" />

</android.support.design.widget.TextInputLayout>



<android.support.design.widget.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <AutoCompleteTextView
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="password"
        android:imeActionId="6"
        android:imeActionLabel="@string/action_sign_in_short"
        android:imeOptions="actionUnspecified"
        android:inputType="textPassword"
        android:maxLines="1"

        android:singleLine="true" />

</android.support.design.widget.TextInputLayout>

<android.support.design.widget.TextInputLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <AutoCompleteTextView
        android:id="@+id/cpassword"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="confirm password"
        android:imeActionId="6"
        android:imeActionLabel="@string/action_sign_in_short"
        android:imeOptions="actionUnspecified"
        android:inputType="textPassword"
        android:maxLines="1"
        android:singleLine="true" />

    </android.support.design.widget.TextInputLayout>
```

```xml
            <Button
                android:id="@+id/email_sign_in_button"
                style="?android:textAppearanceSmall"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_marginTop="16dp"
                android:text="update"
                android:textStyle="bold"
                android:onClick="registration"/>

        </LinearLayout>
    </ScrollView>
</LinearLayout>
```

Develop an Online Registration App with three screens: Login, Registration and a Welcome dashboard. The registered users may be able to login whereas the newly registered users may enter their basic details such as name, DOB, address and store the data using SQLite.

MainActivity.java

```java
package com.indran.onlineregistration;

import android.content.Intent;
import android.content.SharedPreferences;
import android.database.Cursor;
import android.util.Log;

import org.json.JSONObject;

public class MainActivity extends AppCompatActivity {

    final String PREFS_NAME = "UserFile";
    DatabaseHelper databaseHelper;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);



        databaseHelper = new DatabaseHelper(MainActivity.this);

        doFirst();
```

```java
    }


    private void doFirst (){




        SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);
        Intent login = null;

        if(settings.contains("id") ){
            login = new Intent(getApplicationContext(),Home.class);



        } else {
            login = new Intent(getApplicationContext(),LoginActivity.class);

        }

        startActivity(login);




    }
}



DatabaseHelper.java

package com.indran.onlineregistration;

/**
 * Created by stud on 23/3/18.
 */

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
```

```java
import android.database.sqlite.SQLiteOpenHelper;

public class DatabaseHelper extends SQLiteOpenHelper {
    public static final String DATABASE_NAME = "indran.db";
    public static final String TABLE_NAME = "basic_details";
    public static final String COL_1 = "ID";
    public static final String COL_2 = "NAME";
    public static final String COL_3 = "EMAIL";
    public static final String COL_4 = "DOB";
    public static final String COL_5 = "ADDRESS";
    public static final String COL_6 = "PASSWORD";

    public DatabaseHelper(Context context) {
        super(context, DATABASE_NAME, null, 1);
    }

    @Override
    public void onCreate(SQLiteDatabase db) {
        db.execSQL("create table " + TABLE_NAME +
            " (ID INTEGER PRIMARY KEY AUTOINCREMENT,NAME TEXT,DOB TEXT,EMAIL
TEXT ,ADDRESS TEXT, PASSWORD TEXT)");
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
        db.execSQL("DROP TABLE IF EXISTS "+TABLE_NAME);
        onCreate(db);
    }

    public boolean insertData(String name,String email, String dob,String address, String password) {
        SQLiteDatabase db = this.getWritableDatabase();
        ContentValues contentValues = new ContentValues();
        contentValues.put(COL_2,name);
        contentValues.put(COL_3,email);
        contentValues.put(COL_4,dob);
        contentValues.put(COL_5,address);
        contentValues.put(COL_6,password);
        long result = db.insert(TABLE_NAME,null ,contentValues);
        if(result == -1)
            return false;
        else
            return true;
    }

    public Cursor getAllData() {
        SQLiteDatabase db = this.getWritableDatabase();
        Cursor res = db.rawQuery("select * from "+TABLE_NAME,null);
        return res;
    }
```

```java
    public boolean updateData(String id,String name,String email,String dob,String address, String
password) {
        SQLiteDatabase db = this.getWritableDatabase();
        ContentValues contentValues = new ContentValues();
        contentValues.put(COL_1,id);
        contentValues.put(COL_2,name);
        contentValues.put(COL_3,email);
        contentValues.put(COL_4,dob);
        contentValues.put(COL_5,address);
        contentValues.put(COL_6,password);
        db.update(TABLE_NAME, contentValues, "ID = ?",new String[] { id });
        return true;
    }

    public Integer deleteData (String id) {
        SQLiteDatabase db = this.getWritableDatabase();
        return db.delete(TABLE_NAME, "ID = ?",new String[] {id});
    }
}



Home.java
package com.indran.onlineregistration;

import android.content.Intent;
import android.content.SharedPreferences;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;

public class Home extends AppCompatActivity {

    final String PREFS_NAME = "UserFile";
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);
    }


    public void registration(View view) {
    }

    public void update(View view) {

        Intent intent = new Intent( Home.this, Update.class);

        startActivity(intent);
```

```java
    }

    public void exit(View view) {

        SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);

        settings.edit().remove("id").commit();

        Intent intent = new Intent( Home.this, MainActivity.class);

        startActivity(intent);
    }
}


LoginActivity.java

package com.indran.onlineregistration;

import android.app.Activity;

import android.content.Intent;
import android.content.SharedPreferences;
import android.database.Cursor;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.AutoCompleteTextView;

public class LoginActivity extends Activity {

    final String PREFS_NAME = "UserFile";
    DatabaseHelper databaseHelper;

    AutoCompleteTextView email, passwd;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);



        databaseHelper = new DatabaseHelper(LoginActivity.this);



        email = (AutoCompleteTextView) findViewById(R.id.email);
        passwd = (AutoCompleteTextView) findViewById(R.id.password);
```

```java
    }

    public void login(View view) {

        int isLogin = 0;



        Cursor res = databaseHelper.getAllData();
        if(res.getCount() == 0) {
            Log.d("Error","Nothing found");
            return;
        }

        StringBuffer buffer = new StringBuffer();
        while (res.moveToNext()) {



            String id = res.getString(res.getColumnIndex(DatabaseHelper.COL_1));
            String username = res.getString(res.getColumnIndex(DatabaseHelper.COL_3));
            String password = res.getString(res.getColumnIndex(DatabaseHelper.COL_6));

            if (username.equals(email.getText().toString()) &&
password.equals(passwd.getText().toString()))
                isLogin = Integer.parseInt(id);


        }


        if (isLogin > 0 ) {
            SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);
            settings.edit().putString("id", String.valueOf(isLogin)).commit();


            Intent intent = new Intent( LoginActivity.this, Home.class);
            startActivity(intent);
        } else {

            passwd.setError(" invalid username or password ");
        }



    }

    public void register(View view) {
```

```java
        Intent intent = new Intent( LoginActivity.this, Registration.class);
        startActivity(intent);
    }
}
```

Registration.java

```java
package com.indran.onlineregistration;

import android.annotation.SuppressLint;
import android.app.DatePickerDialog;
import android.app.Dialog;
import android.content.Intent;
import android.content.SharedPreferences;
import android.database.Cursor;
import android.util.Log;
import android.view.View;
import android.widget.AutoCompleteTextView;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.Toast;

import java.util.Calendar;

public class Registration extends AppCompatActivity {


    AutoCompleteTextView name, email, dob, address, password, cpassword;



    final String PREFS_NAME = "UserFile";
    private DatePicker datePicker;
    private Calendar calendar;

    private int year, month, day;


    DatabaseHelper databaseHelper;

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

```java
        name = (AutoCompleteTextView) findViewById(R.id.name);
        email = (AutoCompleteTextView) findViewById(R.id.email);
        dob = (AutoCompleteTextView) findViewById(R.id.dob);
        address = (AutoCompleteTextView) findViewById(R.id.address);

        password = (AutoCompleteTextView) findViewById(R.id.password);

        cpassword = (AutoCompleteTextView) findViewById(R.id.cpassword);


        calendar = Calendar.getInstance();
        year = calendar.get(Calendar.YEAR);

        month = calendar.get(Calendar.MONTH);
        day = calendar.get(Calendar.DAY_OF_MONTH);
        showDate(year, month+1, day);


        databaseHelper = new DatabaseHelper(Registration.this);

        dob.setOnFocusChangeListener(new View.OnFocusChangeListener() {
            @Override
            public void onFocusChange(View view, boolean hasFocus) {
                if (hasFocus) {
                    setDate(view);
                }
            }
        });

    }


    @SuppressWarnings("deprecation")
    public void setDate(View view) {
        showDialog(999);
        Toast.makeText(getApplicationContext(), "ca",
            Toast.LENGTH_SHORT)
            .show();
    }

    @Override
    protected Dialog onCreateDialog(int id) {
        if (id == 999) {
            return new DatePickerDialog(this,
                myDateListener, year, month, day);
        }
        return null;
    }
```

```java
    private DatePickerDialog.OnDateSetListener myDateListener = new
        DatePickerDialog.OnDateSetListener() {
            @Override
            public void onDateSet(DatePicker arg0,
                             int arg1, int arg2, int arg3) {
                showDate(arg1, arg2+1, arg3);
            }
        };

    private void showDate(int year, int month, int day) {
        dob.setText(new StringBuilder().append(year).append("-")
            .append(month).append("-").append(day));
    }

    private boolean requited( AutoCompleteTextView v){
        if (v.getText().toString().matches("")) {
            v.setError("requited");
            return true;
        }
        return  false;
    }


    @SuppressLint("LongLogTag")
    public void registration(View view) {

        if (requited( name))
            return;

        if (requited( email))
            return;

        if (requited( dob))
            return;

        if (requited( address))
            return;
        if (requited( password))
            return;



        if (! cpassword.getText().toString().equals(password.getText().toString())) {
            cpassword.setError("password mismatch ");
            return;
        }
```

```java
        boolean isInserted = databaseHelper.insertData(name.getText().toString(),
email.getText().toString(),
            dob.getText().toString(),
            address.getText().toString(), password.getText().toString() );
    if(isInserted == true){

        Toast.makeText(Registration.this,"Registration successful ",Toast.LENGTH_LONG).show();


        Intent intent = new Intent( Registration.this, MainActivity.class);

        startActivity(intent);
    }
     else
        Toast.makeText(Registration.this,"invalid data ",Toast.LENGTH_LONG).show();




    }

  private void  setLogin () {
            Cursor res = databaseHelper.getAllData();
    if(res.getCount() == 0) {
       // show message
       Log.d("Error","Nothing found");
       return;
    }

    StringBuffer buffer = new StringBuffer();
    while (res.moveToNext()) {

//        SharedPreferences settings = getSharedPreferences(PREFS_NAME, 0);
//        settings.edit().putString("id", res.getString(0)).commit();
       break;
    }


  }
}

Update.java
```

```java
package com.indran.onlineregistration;


import android.annotation.SuppressLint;
import android.app.DatePickerDialog;
import android.app.Dialog;
import android.content.Intent;
import android.content.SharedPreferences;
import android.database.Cursor;
import android.util.Log;
import android.view.View;
import android.widget.AutoCompleteTextView;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.Toast;

import java.util.Calendar;

public class Update extends AppCompatActivity {


    AutoCompleteTextView name, email, dob, address, password, cpassword;



    final String PREFS_NAME = "UserFile";
    private DatePicker datePicker;
    private Calendar calendar;

    private int year, month, day;
    SharedPreferences settings;

    DatabaseHelper databaseHelper;

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

        name = (AutoCompleteTextView) findViewById(R.id.name);
        email = (AutoCompleteTextView) findViewById(R.id.email);
        dob = (AutoCompleteTextView) findViewById(R.id.dob);
        address = (AutoCompleteTextView) findViewById(R.id.address);

        password = (AutoCompleteTextView) findViewById(R.id.password);

        cpassword = (AutoCompleteTextView) findViewById(R.id.cpassword);
```

```java
        settings = getSharedPreferences(PREFS_NAME, 0);

    calendar = Calendar.getInstance();
    year = calendar.get(Calendar.YEAR);

    month = calendar.get(Calendar.MONTH);
    day = calendar.get(Calendar.DAY_OF_MONTH);
    showDate(year, month+1, day);


    databaseHelper = new DatabaseHelper(Update.this);

    dob.setOnFocusChangeListener(new View.OnFocusChangeListener() {
        @Override
        public void onFocusChange(View view, boolean hasFocus) {
            if (hasFocus) {
                setDate(view);
            }
        }
    });



    fetchFirst ();

}



@SuppressWarnings("deprecation")
public void setDate(View view) {
    showDialog(999);
    Toast.makeText(getApplicationContext(), "ca",
        Toast.LENGTH_SHORT)
        .show();
}

@Override
protected Dialog onCreateDialog(int id) {
    if (id == 999) {
        return new DatePickerDialog(this,
            myDateListener, year, month, day);
    }
    return null;
}

private DatePickerDialog.OnDateSetListener myDateListener = new
    DatePickerDialog.OnDateSetListener() {
        @Override
```

```java
        public void onDateSet(DatePicker arg0,
                        int arg1, int arg2, int arg3) {
            showDate(arg1, arg2+1, arg3);
        }
    };

private void showDate(int year, int month, int day) {
    dob.setText(new StringBuilder().append(year).append("-")
            .append(month).append("-").append(day));
}

private boolean requited( AutoCompleteTextView v){
    if (v.getText().toString().matches("")) {
        v.setError("requited");
        return true;
    }
    return  false;
}


@SuppressLint("LongLogTag")
public void registration(View view) {

    if (requited( name))
        return;

    if (requited( email))
        return;

    if (requited( dob))
        return;

    if (requited( address))
        return;
    if (requited( password))
        return;



    if (! cpassword.getText().toString().equals(password.getText().toString())) {
        cpassword.setError("password mismatch ");
        return;
    }
```

```java
        boolean isInserted = databaseHelper.updateData(String.valueOf(settings.getString("id", "")),
name.getText().toString(), email.getText().toString(),
            dob.getText().toString(),
            address.getText().toString(), password.getText().toString() );
    if(isInserted == true){

        Toast.makeText(Update.this,"Data Inserted",Toast.LENGTH_LONG).show();


        Intent intent = new Intent( Update.this, Home.class);

        startActivity(intent);
    }
    else
        Toast.makeText(Update.this,"Data not Inserted",Toast.LENGTH_LONG).show();




  }


  private void  fetchFirst () {

    int isLogin = 0;
    Cursor res = databaseHelper.getAllData();
    if(res.getCount() == 0) {
       Log.d("Error","Nothing found");
       return;
    }

    while (res.moveToNext()) {



        String id = res.getString(res.getColumnIndex(DatabaseHelper.COL_1));

        Log.d("MAIN", settings.getString("id", ""));
```

```java
        if (id.equals( settings.getString("id", "")) )
            isLogin = Integer.parseInt(id);


        name.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_2)));
        email.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_3)));
        dob.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_4)));
        address.setText(res.getString(res.getColumnIndex(DatabaseHelper.COL_5)));



        }


    if ( ! (isLogin > 0) ) {
        Intent intent = new Intent( Update.this, Home.class);
        startActivity(intent);
    } else {



        }



  }


}
```

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    android:theme="@android:style/Theme.Black.NoTitleBar.Fullscreen">


  <ImageView
      android:id="@+id/imageView"
      app:srcCompat="@mipmap/ic_launcher" />

    <ProgressBar
        android:id="@+id/progressBar />

    </RelativeLayout>
```

activity_home.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    tools:context="com.indran.onlineregistration.Home">


    <Button
        android:text="Edit details"
        android:onClick="update"/>
        <Button
            android:text="logout"
            android:onClick="exit"/>
        </RelativeLayout>
```


activity_login.xml

```xml
<LinearLayout  argin"
    android:theme="@style/AppTheme"
    tools:context="com.indran.onlineregistration.LoginActivity">


    <ProgressBar
        android:id="@+id/login_progress"  />


        <ScrollView >


            <LinearLayout >


                <android.support.design.widget.TextInputLayout >


                    <AutoCompleteTextView
                        android:id="@+id/email"  />


                </android.support.design.widget.TextInputLayout>


                <android.support.design.widget.TextInputLayout
                    >


                    <AutoCompleteTextView
                        android:id="@+id/password" s  />


                </android.support.design.widget.TextInputLayout>


                    <TextView
                        android:onClick="register"
```

```
                    android:text="new user ?"/>
                <Button
                    android:text="@string/action_sign_in"
                    android:onClick="login"/>


            </LinearLayout>
        </ScrollView>
    </LinearLayout>
```

activity_registration .xml

```
<LinearLayout
    tools:context="com.indran.onlineregistration.Registration">


    <ProgressBar
        android:id="@+id/login_progress" />


    <ScrollView >


        <LinearLayout >


            <android.support.design.widget.TextInputLayout >


                <AutoCompleteTextView
                    android:id="@+id/name" />


            </android.support.design.widget.TextInputLayout>
            <android.support.design.widget.TextInputLayout >


                <AutoCompleteTextView
                    android:id="@+id/email" >


            </android.support.design.widget.TextInputLayout>




                <android.support.design.widget.TextInputLayout >


                <AutoCompleteTextView
                    android:id="@+id/dob"  />


            </android.support.design.widget.TextInputLayout>
```

```xml
                    <android.support.design.widget.TextInputLayout >

                <AutoCompleteTextView
                    android:id="@+id/address" />

            </android.support.design.widget.TextInputLayout>



                <android.support.design.widget.TextInputLayout
                >

                <AutoCompleteTextView
                    android:id="@+id/password"  />

            </android.support.design.widget.TextInputLayout>

            <android.support.design.widget.TextInputLayout >

                <AutoCompleteTextView
                    android:id="@+id/cpassword" >

                </android.support.design.widget.TextInputLayout>


                <Button
                    android:text="registration"
                    android:onClick="registration"/>

                </LinearLayout>
            </ScrollView>
        </LinearLayout>
```

activity_update.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    tools:context="com.indran.onlineregistration.Update">


    <ProgressBar
        android:id="@+id/login_progress"  />

    <ScrollView >

        <LinearLayout >
```

```xml
<android.support.design.widget.TextInputLayout
 >

    <AutoCompleteTextView
        android:id="@+id/name"
        android:hint="name" />

</android.support.design.widget.TextInputLayout>
<android.support.design.widget.TextInputLayout
>

    <AutoCompleteTextView
        android:id="@+id/email" >

</android.support.design.widget.TextInputLayout>



<android.support.design.widget.TextInputLayout >

    <AutoCompleteTextView
        android:id="@+id/dob" />

</android.support.design.widget.TextInputLayout>



<android.support.design.widget.TextInputLayout >

    <AutoCompleteTextView
        android:id="@+id/address"
        android:hint="address"  />

</android.support.design.widget.TextInputLayout>



<android.support.design.widget.TextInputLayout >

    <AutoCompleteTextView
        android:id="@+id/password"
        android:hint="password"   />

</android.support.design.widget.TextInputLayout>
```

```xml
<android.support.design.widget.TextInputLayout >

    <AutoCompleteTextView
        android:id="@+id/cpassword"
        android:hint="confirm password"  />

</android.support.design.widget.TextInputLayout>


    <Button
        android:text="update"
        android:onClick="registration"/>

    </LinearLayout>
</ScrollView>
</LinearLayout>
```

5:06 AM 0.72K/s 34%

Online Registration

name

indran

email

indranspeaks@gmail.com

date of birth

1996-1-5

address

my address

password

•••••

confirm password

•••••

REGISTRATION

5:06 AM   0.01K/s 🎧 ⏰ ▼ ◢ ◢ ▯ 34%

Email

indranspeaks@gmail.com

password

•••••

new user ?

SIGN IN OR REGISTER

5:06 AM 　　　　　　0.27K/s

Online Registration

EDIT DETAILS

LOGOUT

5:07 AM   12.0K/s 🎧 ⏰ ▼ ◢ ◢ ▮ 34%

Online Registration

name

indran

email

indranspeaks@gmail.com

date of birth

2018-4-4

address

my address

password

•••••

confirm password

•••••

REGISTRATION