**Universidad Tecnológica de la Riviera Maya**

**T.S.U. en Tecnología de la Información y Comunicaciones.**

**Calidad en el Desarrollo de Software**

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# Agregar

package app.controlcliente.cliente;

import android.app.AlertDialog;

import android.content.DialogInterface;

import android.os.Bundle;

import android.support.v7.app.ActionBarActivity;

import android.view.View;

import android.widget.EditText;

import com.controlcliente.cliente.R;

public class Agregar extends ActionBarActivity {

BDClientes bdClientes;

EditText nombre\_input;

EditText apellido\_input;

EditText edad\_input;

EditText telefono\_input;

EditText email\_input;

EditText categoria\_input;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_agregar);

nombre\_input = (EditText) findViewById(R.id.nombre\_input);

apellido\_input = (EditText) findViewById(R.id.apellido\_input);

edad\_input = (EditText) findViewById(R.id.edad\_input);

telefono\_input = (EditText) findViewById(R.id.telefono\_input);

email\_input = (EditText) findViewById(R.id.email\_input);

categoria\_input = (EditText) findViewById(R.id.categoria\_input);

bdClientes = new BDClientes(this, null, null, 1);

}

//Añade una Persona a la Base de Datos

public void agregar\_clicked(View view){

Clientes cliente = new Clientes(nombre\_input.getText().toString(), apellido\_input.getText().toString(), Integer.parseInt(edad\_input.getText().toString()), telefono\_input.getText().toString(), email\_input.getText().toString(), categoria\_input.getText().toString() );

bdClientes.addCliente(cliente);

confirmacion();

limpiarcampos();

}

//Limpia los valores entrados para efectos de estetica

public void limpiarcampos(){

nombre\_input.setText("");

apellido\_input.setText("");

edad\_input.setText("");

telefono\_input.setText("");

email\_input.setText("");

categoria\_input.setText("");

}

public void confirmacion(){

AlertDialog.Builder dlgAlert = new AlertDialog.Builder(this);

dlgAlert.setMessage("Se ha agregado exitosamente!");

dlgAlert.setTitle("Agregar Cliente");

dlgAlert.setPositiveButton("Ok",

new DialogInterface.OnClickListener() {

public void onClick(DialogInterface dialog, int which) {

//dismiss the dialog

}

});

dlgAlert.setCancelable(true);

dlgAlert.create().show();

}

}

# Base de Datos BDClientes

package app.controlcliente.cliente;

/\*\*

\* Created by jorge on 28/01/2017.

\*/

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

import android.database.Cursor;

import android.content.Context;

import android.content.ContentValues;

public class BDClientes extends SQLiteOpenHelper{

private static final int DATABASE\_VERSION = 1;

private static final String DATABASE\_NAME = "clientes.db";

public static final String TABLA\_CLIENTES = "clientes";

public static final String COLUMN\_ID = "\_id";

public static final String COLUMN\_NOMBRE = "nombre";

public static final String COLUMN\_APELLIDO = "apellido";

public static final String COLUMN\_EDAD = "edad";

public static String COLUMN\_TEL = "telefono";

public static String COLUMN\_EMAIL = "email";

public static String COLUMN\_CATEGORIA = "categoria";

public BDClientes(Context context, String name, SQLiteDatabase.CursorFactory factory, int version) {

super(context, DATABASE\_NAME, factory, DATABASE\_VERSION);

}

@Override

public void onCreate(SQLiteDatabase db) {

String query = "CREATE TABLE " + TABLA\_CLIENTES + "(" +

COLUMN\_ID + " INTEGER PRIMARY KEY AUTOINCREMENT, " +

COLUMN\_NOMBRE + " TEXT, " +

COLUMN\_APELLIDO + " TEXT, " +

COLUMN\_EDAD + " INTEGER, " +

COLUMN\_TEL + " TEXT, " +

COLUMN\_EMAIL + " TEXT, " +

COLUMN\_CATEGORIA + " TEXT " +

");";

db.execSQL(query);

}

@Override

public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {

db.execSQL("DROP TABLE IF EXISTS " + TABLA\_CLIENTES);

onCreate(db);

}

//Añade un nuevo Row a la Base de Datos

public void addCliente(Clientes clientes) {

ContentValues values = new ContentValues();

values.put(COLUMN\_NOMBRE, clientes.get\_nombre());

values.put(COLUMN\_APELLIDO, clientes.get\_apellido());

values.put(COLUMN\_EDAD, clientes.get\_edad());

values.put(COLUMN\_TEL, clientes.get\_telefono());

values.put(COLUMN\_EMAIL, clientes.get\_email());

values.put(COLUMN\_CATEGORIA, clientes.get\_categoria());

SQLiteDatabase db = getWritableDatabase();

db.insert(TABLA\_CLIENTES, null, values);

db.close();

}

public void updatecliente(Clientes clientes){

ContentValues values = new ContentValues();

values.put(COLUMN\_NOMBRE, clientes.get\_nombre());

values.put(COLUMN\_APELLIDO, clientes.get\_apellido());

values.put(COLUMN\_EDAD, clientes.get\_edad());

values.put(COLUMN\_TEL, clientes.get\_telefono());

values.put(COLUMN\_EMAIL, clientes.get\_email());

values.put(COLUMN\_CATEGORIA, clientes.get\_categoria());

SQLiteDatabase db = getWritableDatabase();

db.update(TABLA\_CLIENTES, values, COLUMN\_ID + "= ?", new String[] { String.valueOf(clientes.get\_id())});

db.close();

}

// Borrar un cliente de la Base de Datos

public void borrarcliente(int cliente\_id){

SQLiteDatabase db = getWritableDatabase();

db.execSQL("DELETE FROM " + TABLA\_CLIENTES + " WHERE " + COLUMN\_ID + " = " + cliente\_id + ";");

db.close();

}

//listar por id

public Cursor personabyid(int id){

SQLiteDatabase db = getWritableDatabase();

String query = "SELECT \* FROM " + TABLA\_CLIENTES + " WHERE " + COLUMN\_ID + " = " + id + ";";

Cursor c = db.rawQuery(query, null);

if (c != null) {

c.moveToFirst();

}

return c;

}

//listar a todos ls clientes

public Cursor listarclientes(){

SQLiteDatabase db = getReadableDatabase();

String query = ("SELECT \* FROM " + TABLA\_CLIENTES + " WHERE 1 ORDER BY " + COLUMN\_APELLIDO + ";");

Cursor c = db.rawQuery(query, null);

if (c != null) {

c.moveToFirst();

}

return c;

}

}

# Buscar Cliente

package app.controlcliente.cliente;

import android.database.Cursor;

import android.database.sqlite.SQLiteDatabase;

import android.support.v7.app.ActionBarActivity;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.widget.EditText;

import android.widget.ListView;

import com.controlcliente.cliente.R;

public class BuscarCliente extends ActionBarActivity {

EditText inputSearch;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_buscar\_cliente);

BDClientes bdClientes;

bdClientes = new BDClientes(this, null, null, 1);

SQLiteDatabase db = bdClientes.getWritableDatabase();

Cursor cursor = bdClientes.listarclientes();

ListView lvlitems = (ListView) findViewById(R.id.lvlitems);

lvlitems.setTextFilterEnabled(true);

final ListarClientes todoAdapter = new ListarClientes(this, cursor);

lvlitems.setAdapter(todoAdapter);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.menu\_buscar\_cliente, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.action\_settings) {

return true;

}

return super.onOptionsItemSelected(item);

}

}

# Clientes

package app.controlcliente.cliente;

/\*\*

\* Created by A on 01/05/2015.

\*/

public class Clientes {

private int \_id;

private String \_nombre;

private String \_apellido;

private int \_edad;

private String \_telefono;

private String \_email;

private String \_categoria;

public Clientes(){

//Constructor Vacio

}

public Clientes(String nombre, String apellido, int edad, String telefono, String email, String categoria) {

this.\_nombre = nombre;

this.\_apellido = apellido;

this.\_edad = edad;

this.\_telefono = telefono;

this.\_email = email;

this.\_categoria = categoria;

}

public int get\_id() {

return \_id;

}

public void set\_id(int \_id) {

this.\_id = \_id;

}

public String get\_nombre() {

return \_nombre;

}

public void set\_nombre(String \_nombre) {

this.\_nombre = \_nombre;

}

public String get\_apellido() {

return \_apellido;

}

public void set\_apellido(String \_apellido) {

this.\_apellido = \_apellido;

}

public int get\_edad() {

return \_edad;

}

public void set\_edad(int \_edad) {

this.\_edad = \_edad;

}

public String get\_telefono() {

return \_telefono;

}

public void set\_telefono(String \_telefono) {

this.\_telefono = \_telefono;

}

public String get\_email() {

return \_email;

}

public void set\_email(String \_email) {

this.\_email = \_email;

}

public String get\_categoria() {

return \_categoria;

}

public void set\_categoria(String \_categoria) {

this.\_categoria = \_categoria;

}

}

# Eliminar

package app.controlcliente.cliente;

import android.app.AlertDialog;

import android.content.DialogInterface;

import android.support.v7.app.ActionBarActivity;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.widget.EditText;

import com.controlcliente.cliente.R;

public class eliminar extends ActionBarActivity {

BDClientes bdClientes;

EditText elimina\_input;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_eliminar);

elimina\_input = (EditText) findViewById(R.id.modificar\_input);

bdClientes = new BDClientes(this, null, null, 1);

}

public void eliminar\_clicked(View view){

bdClientes.borrarcliente(Integer.parseInt(elimina\_input.getText().toString()));

confirmacion();

}

public void confirmacion(){

AlertDialog.Builder dlgAlert = new AlertDialog.Builder(this);

dlgAlert.setMessage(elimina\_input.getText());

dlgAlert.setTitle("Se ha eliminado satisfactoriamente!!!");

dlgAlert.setPositiveButton("Ok",

new DialogInterface.OnClickListener() {

public void onClick(DialogInterface dialog, int which) {

//dismiss the dialog

}

});

dlgAlert.setCancelable(true);

dlgAlert.create().show();

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.menu\_eliminar, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.action\_settings) {

return true;

}

return super.onOptionsItemSelected(item);

}

}

# Listar Clientes

package app.controlcliente.cliente;

import android.content.Context;

import android.database.Cursor;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.CursorAdapter;

import android.widget.TextView;

import com.controlcliente.cliente.R;

/\*\*

\* Created by jorge on 28/01/2017.

\*/

public class ListarClientes extends CursorAdapter {

public ListarClientes(Context context, Cursor cursor) {

super(context, cursor, 0);

}

// The newView method is used to inflate a new view and return it,

// you don't bind any data to the view at this point.

@Override

public View newView(Context context, Cursor cursor, ViewGroup parent) {

return LayoutInflater.from(context).inflate(R.layout.activity\_buscar\_cliente, parent, false);

}

// The bindView method is used to bind all data to a given view

// such as setting the text on a TextView.

@Override

public void bindView(View view, Context context, Cursor cursor) {

TextView idtxt = (TextView) view.findViewById(R.id.id\_txt);

TextView apellidotxt = (TextView) view.findViewById(R.id.apellido\_txt);

TextView nombretxt = (TextView) view.findViewById(R.id.nombre\_txt);

// Extraccion de las propiedades del cursor

int txtid = cursor.getInt(cursor.getColumnIndexOrThrow("\_id"));

String txtapellido = cursor.getString(cursor.getColumnIndexOrThrow("apellido"));

String txtnombre = cursor.getString(cursor.getColumnIndexOrThrow("nombre"));

idtxt.setText(String.valueOf(txtid));

apellidotxt.setText(txtapellido);

nombretxt.setText(txtnombre);

}

}

# Menú principal

package app.controlcliente.cliente;

import android.support.v7.app.ActionBarActivity;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.content.Intent;

import android.view.View;

import com.controlcliente.cliente.R;

public class MainActivity extends ActionBarActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

public void onClick(View view){

Intent i = new Intent(this, Agregar.class);

startActivity(i);

}

public void onListar(View view){

Intent i = new Intent(this, BuscarCliente.class);

startActivity(i);

}

public void onEliminar(View view){

Intent i = new Intent(this, eliminar.class);

startActivity(i);

}

public void premodificar(View view){

Intent i = new Intent(this, pre\_modificar.class);

startActivity(i);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.menu\_main, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.action\_settings) {

return true;

}

return super.onOptionsItemSelected(item);

}

}

# Modificar

package app.controlcliente.cliente;

import android.app.AlertDialog;

import android.content.DialogInterface;

import android.content.Intent;

import android.database.Cursor;

import android.support.v7.app.ActionBarActivity;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.widget.EditText;

import com.controlclientee.cliente.R;

public class modificar extends ActionBarActivity {

BDClientes bdClientes;

EditText nombre\_input;

EditText apellido\_input;

EditText edad\_input;

EditText telefono\_input;

EditText email\_input;

EditText categoria\_input;

int idglobal;

@Override

protected void onCreate(Bundle savedInstanceState) {

//Aqui se hace el retrieve de la base de datos tomando un valor que viene en el intent anterior

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_modificar);

nombre\_input = (EditText) findViewById(R.id.nombre\_input);

apellido\_input = (EditText) findViewById(R.id.apellido\_input);

edad\_input = (EditText) findViewById(R.id.edad\_input);

telefono\_input = (EditText) findViewById(R.id.telefono\_input);

email\_input = (EditText) findViewById(R.id.email\_input);

categoria\_input = (EditText) findViewById(R.id.categoria\_input);

bdClientes = new BDClientes(this, null, null, 1);

Clientes cliente = new Clientes(); //xdxdxdxdxd

Intent i = getIntent(); // gets the previously created intent

String stringid = i.getStringExtra("id\_cliente");

int id = Integer.parseInt(stringid);

Cursor c = bdClientes.personabyid(id);

//Vuelve a rellenar los inputs con los valores del cursor

nombre\_input.setText(c.getString(c.getColumnIndexOrThrow("nombre")));

apellido\_input.setText(c.getString(c.getColumnIndexOrThrow("apellido")));

edad\_input.setText(c.getString(c.getColumnIndexOrThrow("edad")));

telefono\_input.setText(c.getString(c.getColumnIndexOrThrow("telefono")));

email\_input.setText(c.getString(c.getColumnIndexOrThrow("email")));

categoria\_input.setText(c.getString(c.getColumnIndexOrThrow("categoria")));

idglobal = c.getInt(c.getColumnIndexOrThrow("\_id"));

}

public void modificar\_clicked(View view){

Clientes cliente = new Clientes(nombre\_input.getText().toString(), apellido\_input.getText().toString(), Integer.parseInt(edad\_input.getText().toString()), telefono\_input.getText().toString(), email\_input.getText().toString(), categoria\_input.getText().toString() );

cliente.set\_id(idglobal);

bdClientes.updatecliente(cliente);

confirmacion();

limpiarcampos();

finish(); //Termina la actividad y vuelve al menu principal

}

public void confirmacion(){

AlertDialog.Builder dlgAlert = new AlertDialog.Builder(this);

dlgAlert.setMessage("Se ha modificado exitosamente!");

dlgAlert.setTitle("Agregar Cliente");

dlgAlert.setPositiveButton("Ok",

new DialogInterface.OnClickListener() {

public void onClick(DialogInterface dialog, int which) {

//dismiss the dialog

}

});

dlgAlert.setCancelable(true);

dlgAlert.create().show();

}

//Limpia los valores entrados para efectos de estetica

public void limpiarcampos(){

nombre\_input.setText("");

apellido\_input.setText("");

edad\_input.setText("");

telefono\_input.setText("");

email\_input.setText("");

categoria\_input.setText("");

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.menu\_modificar, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.action\_settings) {

return true;

}

return super.onOptionsItemSelected(item);

}

}

# Pre modificar

package app.controlcliente.cliente;

import android.content.Intent;

import android.support.v7.app.ActionBarActivity;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.widget.EditText;

import com.controlcliente.cliente.R;

public class pre\_modificar extends ActionBarActivity {

EditText modificar\_input;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_pre\_modificar);

modificar\_input = (EditText) findViewById(R.id.modificar\_input);

}

public void modificar\_clicked(View view){

Intent i = new Intent(this, modificar.class);

modificar\_input = (EditText) findViewById(R.id.modificar\_input);

i.putExtra("id\_cliente" , modificar\_input.getText().toString());

startActivity(i);

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.menu\_pre\_modificar, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.action\_settings) {

return true;

}

return super.onOptionsItemSelected(item);

}

}