Instituto Tecnológico de San Juan del Río

INGENIERÍA EN SISTEMAS COMPUTACIONALES

Tópicos avanzados de programación

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Descripción del proyecto final

P R E S E N T A

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Codigos principles:
Lista de contactos

```
package com.example.appfarmaciab.adaptadores;
import android.content.Context;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.TextView;
import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;


import com.example.appfarmaciab.ConfiguracionBD.VerActivity;
import com.example.appfarmaciab.R;
import com.example.appfarmaciab.entidades.Contactos;

import java.util.ArrayList;
import java.util.List;
import java.util.stream.Collectors;

public class ListaContactosAdapter extends
RecyclerView.Adapter<ListaContactosAdapter.ContactoViewHolder> {
    ArrayList<Contactos> listaContactos;
    ArrayList<Contactos> listaOriginal;
    public ListaContactosAdapter(ArrayList<Contactos> listaContactos) {
        this.listaContactos = listaContactos;
        listaOriginal = new ArrayList<>();
        listaOriginal.addAll(listaContactos);
    }
    @NonNull
    @Override
    public ContactoViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int
viewType)
    {
        View view =

LayoutInflater.from(parent.getContext()).inflate(R.layout.lista_item_contacto,
null,
                        false);
        return new ContactoViewHolder(view);
    }
    @Override
    public void onBindViewHolder(@NonNull ContactoViewHolder holder, int
position) {
        holder.viewNombre.setText(listaContactos.get(position).getNombre());
        holder.viewTelefono.setText(listaContactos.get(position).getTelefono());

holder.viewCorreo.setText(listaContactos.get(position).getCorreo_electornico());
    }
```

```
    public void filtrado(final String txtBuscar) {
        int longitud = txtBuscar.length();
        if (longitud == 0) {
            listaContactos.clear();
            listaContactos.addAll(listaOriginal);
        } else {
            if (android.os.Build.VERSION.SDK_INT >=
android.os.Build.VERSION_CODES.N) {
                List<Contactos> collecion = listaContactos.stream()
                        .filter(i ->

i.getNombre().toLowerCase().contains(txtBuscar.toLowerCase()))
                        .collect(Collectors.toList());
                listaContactos.clear();
                listaContactos.addAll(collecion);
            } else {
                for (Contactos c : listaOriginal) {
                    if
(c.getNombre().toLowerCase().contains(txtBuscar.toLowerCase())) {
                        listaContactos.add(c);
                    }
                }
            }
        }
        notifyDataSetChanged();
    }
    @Override
    public int getItemCount() {
        return listaContactos.size();
    }
    public class ContactoViewHolder extends RecyclerView.ViewHolder {
        TextView viewNombre, viewTelefono, viewCorreo;
        public ContactoViewHolder(@NonNull View itemView) {
            super(itemView);
            viewNombre = itemView.findViewById(R.id.viewNombre);
            viewTelefono = itemView.findViewById(R.id.viewTelefono);
            viewCorreo = itemView.findViewById(R.id.viewCorreo);
            itemView.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View view) {
                    Context context = view.getContext();
                    Intent intent = new Intent(context, VerActivity.class);
                    intent.putExtra("ID",
                            listaContactos.get(getAdapterPosition()).getId());
                    context.startActivity(intent);
                }
            });
        }
    }
}
```

EditarActivity

```
public class EditarActivity extends AppCompatActivity {

    EditText txtNombre, txtTelefono, txtCorreo;
    Button btnGuarda;
    FloatingActionButton fabEditar, fabEliminar;
    boolean correcto = false;
    Contactos contacto;
    int id = 0;

    @SuppressLint("RestrictedApi")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_ver);

        txtNombre = findViewById(R.id.txtNombre);
        txtTelefono = findViewById(R.id.txtTelefono);
        txtCorreo = findViewById(R.id.txtCorreoElectronico);
        btnGuarda = findViewById(R.id.btnGuarda);
        fabEditar.setVisibility(View.INVISIBLE);
        fabEliminar = findViewById(R.id.fabEliminar);
        fabEliminar.setVisibility(View.INVISIBLE);

        if (savedInstanceState == null) {
            Bundle extras = getIntent().getExtras();
            if (extras == null) {
                id = Integer.parseInt(null);
            } else {
                id = extras.getInt("ID");
            }
        } else {
            id = (int) savedInstanceState.getSerializable("ID");
        }

        final DbContactos dbContactos = new DbContactos(EditarActivity.this);
        contacto = dbContactos.verContacto(id);

        if (contacto != null) {
            txtNombre.setText(contacto.getNombre());
            txtTelefono.setText(contacto.getTelefono());
            txtCorreo.setText(contacto.getCorreo_electornico());
        }

        btnGuarda.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                if (!txtNombre.getText().toString().equals("") &&
!txtTelefono.getText().toString().equals("")) {
                    correcto = dbContactos.editarContacto(id,
```

```
txtNombre.getText().toString(), txtTelefono.getText().toString(),
txtCorreo.getText().toString());

                    if(correcto){
                        Toast.makeText(EditarActivity.this, "REGISTRO
MODIFICADO", Toast.LENGTH_LONG).show();
                        verRegistro();
                    } else {
                        Toast.makeText(EditarActivity.this, "ERROR AL MODIFICAR
REGISTRO", Toast.LENGTH_LONG).show();
                    }
                } else {
                    Toast.makeText(EditarActivity.this, "DEBE LLENAR LOS CAMPOS
OBLIGATORIOS", Toast.LENGTH_LONG).show();
                }
            }
        });
    }

    private void verRegistro(){
        Intent intent = new Intent(this, VerActivity.class);
        intent.putExtra("ID", id);
        startActivity(intent);
```

NuevoActivity:

```
package com.example.appfarmaciab.ConfiguracionBD;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import com.example.appfarmaciab.R;
import com.example.appfarmaciab.db.DbContactos;


public class NuevoActivity extends AppCompatActivity {

    EditText txtNombre, txtTelefono, txtCorreoElectronico;
    Button btnGuarda;

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

        txtNombre = findViewById(R.id.txtNombre);
```

```
        txtTelefono = findViewById(R.id.txtTelefono);
        txtCorreoElectronico = findViewById(R.id.txtCorreoElectronico);
        btnGuarda = findViewById(R.id.btnGuarda);

        btnGuarda.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {

                if(!txtNombre.getText().toString().equals("") &&
!txtTelefono.getText().toString().equals("")) {

                    DbContactos dbContactos = new
DbContactos(NuevoActivity.this);
                    long id =
dbContactos.insertarContacto(txtNombre.getText().toString(),
txtTelefono.getText().toString(), txtCorreoElectronico.getText().toString());

                    if (id > 0) {
                        Toast.makeText(NuevoActivity.this, "FARMACIA GUARDADO",
Toast.LENGTH_LONG).show();
                        limpiar();
                    } else {
                        Toast.makeText(NuevoActivity.this, "ERROR AL GUARDAR LA
FARMACIA", Toast.LENGTH_LONG).show();
                    }
                } else {
                    Toast.makeText(NuevoActivity.this, "DEBE LLENAR LOS CAMPOS
OBLIGATORIOS", Toast.LENGTH_LONG).show();
                }
            }
        });
    }

    private void limpiar() {
        txtNombre.setText("");
        txtTelefono.setText("");
        txtCorreoElectronico.setText("");
    }
}
```

VerActivity:

```
package com.example.appfarmaciab.ConfiguracionBD;

import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.content.DialogInterface;
import android.content.Intent;
import android.os.Bundle;
import android.renderscript.ScriptGroup;
import android.text.InputType;
```

```
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

import com.example.appfarmaciab.R;
import com.example.appfarmaciab.db.DbContactos;
import com.example.appfarmaciab.entidades.Contactos;
import com.google.android.material.floatingactionbutton.FloatingActionButton;



public class VerActivity extends AppCompatActivity {

    EditText txtNombre, txtTelefono, txtCorreo;
    Button btnGuarda;
    FloatingActionButton  fabEliminar;

    Contactos contacto;
    int id = 0;

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

        txtNombre = findViewById(R.id.txtNombre);
        txtTelefono = findViewById(R.id.txtTelefono);
        txtCorreo = findViewById(R.id.txtCorreoElectronico);
        fabEliminar = findViewById(R.id.fabEliminar);
        btnGuarda = findViewById(R.id.btnGuarda);
        btnGuarda.setVisibility(View.INVISIBLE);

        if(savedInstanceState == null){
            Bundle extras = getIntent().getExtras();
            if(extras == null){
                id = Integer.parseInt(null);
            } else {
                id = extras.getInt("ID");
            }
        } else {
            id = (int) savedInstanceState.getSerializable("ID");
        }

        final DbContactos dbContactos = new DbContactos(VerActivity.this);
        contacto = dbContactos.verContacto(id);

        if(contacto != null){
            txtNombre.setText(contacto.getNombre());
            txtTelefono.setText(contacto.getTelefono());
            txtCorreo.setText(contacto.getCorreo_electornico());
```

```
            txtNombre.setInputType(InputType.TYPE_NULL);
            txtTelefono.setInputType(InputType.TYPE_NULL);
            txtCorreo.setInputType(InputType.TYPE_NULL);

        };

        fabEliminar.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                AlertDialog.Builder builder = new
AlertDialog.Builder(VerActivity.this);
                builder.setMessage("¿Desea eliminar esta farmacia?")
                        .setPositiveButton("SI", new
DialogInterface.OnClickListener() {
                            @Override
                            public void onClick(DialogInterface dialogInterface,
int i) {

                                if(dbContactos.eliminarContacto(id)){
                                    lista();
                                }
                            }
                        })
                        .setNegativeButton("NO", new
DialogInterface.OnClickListener() {
                            @Override
                            public void onClick(DialogInterface dialogInterface,
int i) {

                            }
                        }).show();
            }
        });
    }

    private void lista(){
        Intent intent = new Intent(this, EditarActivity.class);
        startActivity(intent);
    }
}
```

BD Contactos:

```
package com.example.appfarmaciab.db;

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

import androidx.annotation.Nullable;
```

```
import com.example.appfarmaciab.entidades.Contactos;

import java.util.ArrayList;

public class DbContactos extends DbHelper{
    Context context;

    public DbContactos(@Nullable Context context) {
        super(context);
        this.context = context;
    }

    public long insertarContacto(String nombre, String telefono, String
correo_electronico) {

        long id = 0;

        try {
            DbHelper dbHelper = new DbHelper(context);
            SQLiteDatabase db = dbHelper.getWritableDatabase();

            ContentValues values = new ContentValues();
            values.put("nombre", nombre);
            values.put("telefono", telefono);
            values.put("correo_electronico", correo_electronico);

            id = db.insert(TABLE_CONTACTOS, null, values);
        } catch (Exception ex) {
            ex.toString();
        }

        return id;
    }

    public ArrayList<Contactos> mostrarContactos() {

        DbHelper dbHelper = new DbHelper(context);
        SQLiteDatabase db = dbHelper.getWritableDatabase();

        ArrayList<Contactos> listaContactos = new ArrayList<>();
        Contactos contacto;
        Cursor cursorContactos;

        cursorContactos = db.rawQuery("SELECT * FROM " + TABLE_CONTACTOS + "
ORDER BY nombre ASC", null);

        if (cursorContactos.moveToFirst()) {
            do {
                contacto = new Contactos();
                contacto.setId(cursorContactos.getInt(0));
```

```
                contacto.setNombre(cursorContactos.getString(1));
                contacto.setTelefono(cursorContactos.getString(2));
                contacto.setCorreo_electornico(cursorContactos.getString(3));
                listaContactos.add(contacto);
            } while (cursorContactos.moveToNext());
        }

        cursorContactos.close();

        return listaContactos;
    }

    public Contactos verContacto(int id) {

        DbHelper dbHelper = new DbHelper(context);
        SQLiteDatabase db = dbHelper.getWritableDatabase();

        Contactos contacto = null;
        Cursor cursorContactos;

        cursorContactos = db.rawQuery("SELECT * FROM " + TABLE_CONTACTOS + "
WHERE id = " + id + " LIMIT 1", null);

        if (cursorContactos.moveToFirst()) {
            contacto = new Contactos();
            contacto.setId(cursorContactos.getInt(0));
            contacto.setNombre(cursorContactos.getString(1));
            contacto.setTelefono(cursorContactos.getString(2));
            contacto.setCorreo_electornico(cursorContactos.getString(3));
        }

        cursorContactos.close();

        return contacto;
    }

    public boolean editarContacto(int id, String nombre, String telefono, String
correo_electronico) {

        boolean correcto = false;

        DbHelper dbHelper = new DbHelper(context);
        SQLiteDatabase db = dbHelper.getWritableDatabase();

        try {
            db.execSQL("UPDATE " + TABLE_CONTACTOS + " SET nombre = '" + nombre
+ "', telefono = '" + telefono + "', correo_electronico = '" +
correo_electronico + "' WHERE id='" + id + "' ");
            correcto = true;
        } catch (Exception ex) {
```

```
            ex.toString();
            correcto = false;
        } finally {
            db.close();
        }

        return correcto;
    }

    public boolean eliminarContacto(int id) {

        boolean correcto = false;

        DbHelper dbHelper = new DbHelper(context);
        SQLiteDatabase db = dbHelper.getWritableDatabase();

        try {
            db.execSQL("DELETE FROM " + TABLE_CONTACTOS + " WHERE id = '" + id +
"'");
            correcto = true;
        } catch (Exception ex) {
            ex.toString();
            correcto = false;
        } finally {
            db.close();
        }

        return correcto;
    }

}
```

BD Helper:

```
package com.example.appfarmaciab.db;

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

import androidx.annotation.Nullable;

public class DbHelper extends SQLiteOpenHelper {
    private static final int DATABASE_VERSION = 2;
    private static final String DATABASE_NOMBRE = "agenda.db";
    public static final String TABLE_CONTACTOS = "t_contactos";

    public DbHelper(@Nullable Context context) {
        super(context, DATABASE_NOMBRE, null, DATABASE_VERSION);
    }

    @Override
```

```
    public void onCreate(SQLiteDatabase sqLiteDatabase) {

        sqLiteDatabase.execSQL("CREATE TABLE " + TABLE_CONTACTOS + "(" +
                "id INTEGER PRIMARY KEY AUTOINCREMENT," +
                "nombre TEXT NOT NULL," +
                "telefono TEXT NOT NULL," +
                "correo_electronico TEXT)");
    }

    @Override
    public void onUpgrade(SQLiteDatabase sqLiteDatabase, int i, int i1) {

        sqLiteDatabase.execSQL("DROP TABLE " + TABLE_CONTACTOS);
        onCreate(sqLiteDatabase);

    }

}
```

Base:

```
package com.example.appfarmaciab.ventanas;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import android.content.Intent;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
import android.view.View;
import android.widget.SearchView;

import com.example.appfarmaciab.ConfiguracionBD.NuevoActivity;
import com.example.appfarmaciab.MainActivity;
import com.example.appfarmaciab.R;
import com.example.appfarmaciab.adaptadores.ListaContactosAdapter;
import com.example.appfarmaciab.db.DbContactos;
import com.example.appfarmaciab.entidades.Contactos;
import com.google.android.material.floatingactionbutton.FloatingActionButton;

import java.util.ArrayList;

public class Base extends AppCompatActivity {
    SearchView txtBuscar;
    RecyclerView listaContactos;
    ArrayList<Contactos> listaArrayContactos;
    FloatingActionButton fabNuevo;
    ListaContactosAdapter adapter;
```

```
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_base);
        txtBuscar = findViewById(R.id.txtBuscar);
        listaContactos = findViewById(R.id.listaContactos);
        fabNuevo = findViewById(R.id.favNuevo);
        listaContactos.setLayoutManager(new LinearLayoutManager(this));
        //titulo de la ventana
        this.setTitle("Registro");
        //Metodo para la flecha de regreso
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);

        DbContactos dbContactos = new DbContactos(Base.this);

        listaArrayContactos = new ArrayList<>();

        adapter = new ListaContactosAdapter(dbContactos.mostrarContactos());
        listaContactos.setAdapter(adapter);

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

    private void nuevoRegistro() {
        Intent intent = new Intent(this, NuevoActivity.class);
        startActivity(intent);

    }
    @Override
    public boolean onSupportNavigateUp() {
        onBackPressed();
        return false;
    }
}
```

codigodebarras:

```
package com.example.appfarmaciab.ventanas;

import android.content.DialogInterface;
import android.os.Bundle;
import android.widget.Button;
import android.widget.TextView;
import com.example.appfarmaciab.R;

import androidx.activity.result.ActivityResultLauncher;
import androidx.appcompat.app.AlertDialog;
```

```
import androidx.appcompat.app.AppCompatActivity;

import com.journeyapps.barcodescanner.ScanContract;
import com.journeyapps.barcodescanner.ScanOptions;

public class codigobarras extends AppCompatActivity {

    Button btnScan;
    TextView txtResultado;

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

        btnScan=findViewById(R.id.btnScan);
        txtResultado=findViewById(R.id.txtResultado);

        btnScan.setOnClickListener(v->
        {
            scanCode();
        });


        }

    private void scanCode() {
        ScanOptions options = new ScanOptions();
        options.setPrompt("Volunm up to flash on");
        options.setBeepEnabled(true);
        options.setOrientationLocked(true);
        options.setCaptureActivity(CaptureAct.class);
        barLaucher.launch(options);
    }
    ActivityResultLauncher<ScanOptions> barLaucher =
registerForActivityResult(new ScanContract(), result->
    {
       if(result.getContents() !=null)
        {
            AlertDialog.Builder builder = new
AlertDialog.Builder(codigobarras.this);
            builder.setTitle("Result");
            builder.setMessage(result.getContents());
            builder.setPositiveButton("ok", new DialogInterface.OnClickListener()
{
                @Override
                public void onClick(DialogInterface dialogInterface, int i) {
                    dialogInterface.dismiss();
                }
            }).show();
```

```
        }
    });
}
```

DBHelper:

```
package com.example.appfarmaciab.ventanas;

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

public class DBHelper extends SQLiteOpenHelper {
    public DBHelper(Context context){
        super(context,"Login.db",null,1);
    }


    @Override
    public void onCreate(SQLiteDatabase myDB) {
        myDB.execSQL("create Table users(username Text primary key, password
Text)");
    }

    @Override
    public void onUpgrade(SQLiteDatabase myDB, int oldVersion, int newVersion) {
        myDB.execSQL("drop Table if exists users");

    }
    public Boolean insertData(String username, String password){
        SQLiteDatabase myBD = this.getWritableDatabase();
        ContentValues contentValues = new ContentValues();
        contentValues.put("username",username);
        contentValues.put("password",password);
        long result = myBD.insert("users",null,contentValues);

        if(result == -1){
            return false;
        }
        else{
            return true;
        }
    }

    public Boolean checkusername(String username)
    {
        SQLiteDatabase myDB = this.getWritableDatabase();
        Cursor cursor = myDB.rawQuery("select * from users where username = ?",
new String[]{username});
        if (cursor.getCount()>0)
```

```
        {
          return true;
        }
        else
        {
            return false;
        }
    }

    public Boolean checkusernamePassword(String username, String password){
        SQLiteDatabase myDB = this.getWritableDatabase();
        Cursor cursor = myDB.rawQuery("select * from users where username = ?
and password = ?", new String[]{username,password});
        if (cursor.getCount()>0){
            return true;
        }
        else{
            return false;
        }
    }
}
```

Generador QR:

```
package com.example.appfarmaciab.ventanas;

import androidx.appcompat.app.AppCompatActivity;

import android.graphics.Bitmap;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;

import com.example.appfarmaciab.R;
import com.google.zxing.BarcodeFormat;
import com.journeyapps.barcodescanner.BarcodeEncoder;

public class GeneradorQR extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_generador_qr);
        EditText txtDatos = findViewById(R.id.txtDatos);
        Button btnGenera= findViewById(R.id.btnGenera);
        ImageView imgQr = findViewById(R.id.qrCode);
        //titulo de la ventana
        this.setTitle("Promocion");
        //Metodo para la flecha de regreso
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
```

```
        btnGenera.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                try{
                    BarcodeEncoder barcodeEncoder = new BarcodeEncoder();
                    Bitmap bitmap =
barcodeEncoder.encodeBitmap(txtDatos.getText().toString(),
BarcodeFormat.QR_CODE, 750, 750);
                    imgQr.setImageBitmap(bitmap);
                } catch (Exception e){
                    e.printStackTrace();
                }
            }
        });
    }
    @Override
    public boolean onSupportNavigateUp() {
        onBackPressed();
        return false;
    }
}
```

Home Activity:

```
package com.example.appfarmaciab.ventanas;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

import com.example.appfarmaciab.Menus;
import com.example.appfarmaciab.R;

import androidx.appcompat.app.AppCompatActivity;

public class HomeActivity extends AppCompatActivity {
    Button btnQR;
    Button btnLector1;
    Button btcarga;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);
        btnQR = (Button) findViewById(R.id.btnQR);
        btnLector1 =(Button) findViewById(R.id.btnLector1);
        btcarga =(Button) findViewById(R.id.btcarga);

        btnQR.setOnClickListener(new View.OnClickListener() {
            @Override
```

```
            public void onClick(View view) {
                Intent intent = new Intent(HomeActivity.this,QR.class);
                startActivity(intent);
            }
        });
        btnLector1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new
Intent(HomeActivity.this,codigobarras.class);
                startActivity(intent);
            }
        });
        btcarga.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(HomeActivity.this,Menus.class);
                startActivity(intent);
            }
        });
    }
}
```

Login Activity:

```
package com.example.appfarmaciab.ventanas;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
import com.example.appfarmaciab.R;

import androidx.appcompat.app.AppCompatActivity;

public class LoginActivity extends AppCompatActivity {

    EditText username,password;
    Button btnLogin;

    DBHelper myDB;


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

        username = (EditText) findViewById(R.id.usernameLogin);
        password = (EditText) findViewById(R.id.passwordLogin);
```

```
        btnLogin = (Button) findViewById(R.id.btnLogin);
        myDB = new DBHelper(this);

        btnLogin.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String user = username.getText().toString();
                String pass = password.getText().toString();

                if (user.equals("") || pass.equals("")){
                    Toast.makeText(LoginActivity.this,"Por favor ingrese los
datos", Toast.LENGTH_SHORT).show();
                }
                else
                {
                   Boolean result = myDB.checkusernamePassword(user,pass);
                   if (result == true)
                   {
                       Intent intent = new
Intent(getApplicationContext(),HomeActivity.class);
                       startActivity(intent);
                   }
                   else
                   {
                       Toast.makeText(LoginActivity.this,"Datos invalidos",
Toast.LENGTH_SHORT).show();
                   }
                }
            }
        });
    }
}
```

Publicidad:

```
package com.example.appfarmaciab.ventanas;

import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.provider.MediaStore;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.Toast;

import com.example.appfarmaciab.MainActivity;
import com.example.appfarmaciab.R;
```

```
public class Publicidad extends AppCompatActivity {
    ImageView img;
    Button btn;

    Uri uriImg;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_publicidad);
        img = findViewById(R.id.imagen);
        btn = findViewById(R.id.btnEnviar);
//titulo de la ventana
        this.setTitle("Publicidad");
        //Metodo para la flecha de regreso
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {

                Intent intentWA = new Intent(Intent.ACTION_SEND);
                intentWA.setType("image/*");
                intentWA.setPackage("com.whatsapp");

                if (uriImg != null) {
                    intentWA.putExtra(Intent.EXTRA_STREAM, uriImg);

                    try {
                        startActivity(intentWA);
                    } catch (Exception e) {
                        Toast.makeText(Publicidad.this, "Error al enviar\n" +
e.getMessage(), Toast.LENGTH_LONG).show();
                    }
                } else {
                    Toast.makeText(Publicidad.this, "No se seleccionó una
imagen\n", Toast.LENGTH_LONG).show();
                }
            }
        });

        img.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intentGaleria = new Intent(Intent.ACTION_PICK,
MediaStore.Images.Media.EXTERNAL_CONTENT_URI);

                try {
                    startActivityForResult(intentGaleria, 1);
                } catch (Exception e) {
                    Toast.makeText(Publicidad.this, "Error al abrir galería\n" +
```

```
e.getMessage(), Toast.LENGTH_LONG).show();
                }

            }
        });

    }

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

        if (requestCode == 1 && resultCode == RESULT_OK && data != null) {
            uriImg = data.getData();
            img.setImageURI(uriImg);
}
    }
    @Override
    public boolean onSupportNavigateUp() {
        onBackPressed();
        return false;}
}
```

QR:

```
package com.example.appfarmaciab.ventanas;

import android.graphics.Bitmap;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import com.example.appfarmaciab.R;

import androidx.appcompat.app.AppCompatActivity;

import com.google.zxing.BarcodeFormat;
import com.journeyapps.barcodescanner.BarcodeEncoder;

public class QR extends AppCompatActivity {
    ImageView ivCodigoQE;
    EditText etDatos;
    Button btnGenerar;

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

        ivCodigoQE=findViewById(R.id.ivCodigob);
```

```
        etDatos = findViewById(R.id.etDatos);
        btnGenerar = findViewById(R.id.btnGenerar);
    }

    public void generar (View view){
        try{
            /*Dtaos para manejar
            *Telefono es: tel:
            * sms es: numero: mensaje
            * mail: mailto
            * */

            BarcodeEncoder barcodeEncoder= new BarcodeEncoder();
            Bitmap bitmap =
barcodeEncoder.encodeBitmap("mail:"+etDatos.getText().toString(),
BarcodeFormat.QR_CODE,750,750);

            ivCodigoQE.setImageBitmap(bitmap);
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```

Ubicación:

```
package com.example.appfarmaciab.ventanas;

import android.os.Bundle;

import androidx.fragment.app.FragmentActivity;

import com.example.appfarmaciab.R;
import com.example.appfarmaciab.databinding.ActivityUbicacionBinding;
import com.google.android.gms.maps.CameraUpdateFactory;
import com.google.android.gms.maps.GoogleMap;
import com.google.android.gms.maps.OnMapReadyCallback;
import com.google.android.gms.maps.SupportMapFragment;
import com.google.android.gms.maps.model.LatLng;
import com.google.android.gms.maps.model.MarkerOptions;
import androidx.fragment.app.FragmentActivity;

public class Ubicacion extends FragmentActivity implements OnMapReadyCallback {

    private GoogleMap mMap;
    private ActivityUbicacionBinding binding;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        binding = ActivityUbicacionBinding.inflate(getLayoutInflater());
```

```
        setContentView(binding.getRoot());


        SupportMapFragment mapFragment = (SupportMapFragment)
getSupportFragmentManager()
                .findFragmentById(R.id.map);
        mapFragment.getMapAsync(this);
    }


    @Override
    public void onMapReady(GoogleMap googleMap) {
        mMap = googleMap;

        // Add a marker in Sydney and move the camera
        LatLng sydney = new LatLng(20.376206, -99.963432);
        mMap.addMarker(new MarkerOptions().position(sydney).title("Ubicacion de
farmacia"));
        mMap.moveCamera(CameraUpdateFactory.newLatLng(sydney));
    }
```

MainActivity:

```
package com.example.appfarmaciab;

import androidx.annotation.NonNull;
import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;

import android.content.Intent;
import android.os.Bundle;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import com.example.appfarmaciab.ventanas.Base;
import com.example.appfarmaciab.ventanas.DBHelper;
import com.example.appfarmaciab.ventanas.GeneradorQR;
import com.example.appfarmaciab.ventanas.LoginActivity;
import com.example.appfarmaciab.ventanas.Publicidad;
import com.example.appfarmaciab.ventanas.Ubicacion;
import com.google.android.material.navigation.NavigationView;

public class MainActivity extends AppCompatActivity {
    EditText username, password,repassword;
    Button btnSingUp,btnSignIn;
    DBHelper myDB;
```

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

        username = (EditText)findViewById(R.id.username);
        password = (EditText) findViewById(R.id.password);
        repassword = (EditText) findViewById(R.id.repassword);

        btnSingUp = (Button) findViewById(R.id.btnSingUp);
        btnSignIn=(Button) findViewById(R.id.btnSignIn);

        myDB = new DBHelper(this);

        btnSingUp.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                String user = username.getText().toString();
                String pass = password.getText().toString();
                String repass = repassword.getText().toString();

                if (user.equals("") || pass.equals("") || repass.equals(""))
                {
                    Toast.makeText(MainActivity.this,"Llenar todo el archivo",
Toast.LENGTH_SHORT).show();

                }
                else
                {
                    if (pass.equals(repass))
                    {
                        Boolean usercheckResult = myDB.checkusername(user);
                        if (usercheckResult == false)
                        {
                            Boolean regResult = myDB.insertData(user,pass);
                            if(regResult == true){
                                Toast.makeText(MainActivity.this,"Registro
exitoso", Toast.LENGTH_SHORT).show();
                                Intent intent = new
Intent(getBaseContext(),LoginActivity.class);
                                startActivity(intent);
                            }
                            else
                            {
                                Toast.makeText(MainActivity.this,"Registro
fallido", Toast.LENGTH_SHORT).show();
                            }
                        }
                        else
```

```
                        {
                            Toast.makeText(MainActivity.this,"El usuario ya
existe.\n Por favor registrarse.", Toast.LENGTH_SHORT).show();
                        }
                    }

                    else
                    {
                        Toast.makeText(MainActivity.this, "La contraseña no
coincide", Toast.LENGTH_SHORT).show();
                    }
                }
            }
        });

        btnSignIn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
               // Intent intent = new
Intent(getApplicationContext(),LoginActivity.class);
                Intent intent = new
Intent(getApplicationContext(),LoginActivity.class);
                startActivity(intent);
            }
        });


    }


}
```

Menus:

```
package com.example.appfarmaciab;

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

import androidx.annotation.NonNull;
import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;

import com.example.appfarmaciab.ventanas.Base;
import com.example.appfarmaciab.ventanas.GeneradorQR;
import com.example.appfarmaciab.ventanas.Publicidad;
import com.example.appfarmaciab.ventanas.Ubicacion;
import com.google.android.material.navigation.NavigationView;
```

```
public class Menus extends  AppCompatActivity implements
NavigationView.OnNavigationItemSelectedListener{
    DrawerLayout drawerLayout;
    ActionBarDrawerToggle actionBarDrawerToggle;
    Toolbar toolbar;
    NavigationView navigationView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        //setContentView(R.layout.activity_menus);
        setContentView(R.layout.activity_menus);
        //Buscar
        toolbar=findViewById(R.id.toolbar_main);
        setSupportActionBar(toolbar);
        drawerLayout=findViewById(R.id.drawer_layout);
        navigationView=findViewById(R.id.nav_view);
        //Mostrar
        actionBarDrawerToggle=new ActionBarDrawerToggle(this, drawerLayout,
toolbar,R.string.Open,R.string.Close);
        drawerLayout.addDrawerListener(actionBarDrawerToggle);
        actionBarDrawerToggle.setDrawerIndicatorEnabled(true);
        actionBarDrawerToggle.syncState();
        //Establecer el evento on click
        navigationView.setNavigationItemSelectedListener(this);

    }

    @Override
    public boolean onNavigationItemSelected(@NonNull MenuItem item) {
       //cerrar el menu al darle clic
        drawerLayout.closeDrawer(GravityCompat.START);
        //Seleccionar una opcion del menu
        switch (item.getItemId()){
            case R.id.item1:
              //ir a la actividad
                startActivity(new Intent(Menus.this, Base.class));
                break;
            case R.id.item2:
                startActivity(new Intent(Menus.this, GeneradorQR.class));
                break;
            case R.id.item3:
                startActivity(new Intent(Menus.this, Ubicacion.class));
                break;
            case R.id.item4:
                startActivity(new Intent(Menus.this, Publicidad.class));
                break;
        }
```

```
        return false;
    }

}
```

activity_base:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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=".ventanas.Base">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <androidx.recyclerview.widget.RecyclerView
            android:id="@+id/listaContactos"
            android:layout_width="match_parent"
            android:layout_height="0dp"
            android:layout_weight=".9" />

        <com.google.android.material.floatingactionbutton.FloatingActionButton
            android:id="@+id/favNuevo"
            android:layout_width="wrap_content"
            android:layout_height="0dp"
            android:layout_gravity="bottom|end"
            android:layout_marginRight="10dp"
            android:layout_weight=".1"
            android:clickable="true"
            android:focusable="true"
            android:src="@drawable/ic_new"
            app:backgroundTint="@color/design_default_color_primary" />
    </LinearLayout>


</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_codigodebarras:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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=".ventanas.codigobarras">
```

```
    <Button
        android:id="@+id/btnScan"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="57dp"
        android:text="Scan"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/txtResultado"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="76dp"
        android:ems="10"
        android:inputType="textPersonName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/btnScan"
        tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Activit_generadorQR:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:text="Aqui podras generar tus ofertas"
        android:textColor="@color/black"
        android:textStyle="bold"
        android:textSize="18sp" />

    <EditText
        android:id="@+id/txtDatos"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"></EditText>

    <Button
        android:id="@+id/btnGenera"
        android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content"
        android:text="Generar" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:text="OFERTA ESPECIAL"
        android:fontFamily="cursive"
        android:textColor="#FF8800"
        android:gravity="center"
        android:textStyle="bold"
        android:textSize="34sp" />

    <ImageView
        android:id="@+id/qrCode"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        ></ImageView>

    <TextView
        android:id="@+id/textView"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:text="!!APROVECHA!!..... Llevate un descuento en cualquier
medicamento o producto de los que aparecen en promocion, solo escanea el codigo,
o solo da clic en generar y listo. No olvides presentar una impresion de
pantalla del codigo QR para hacer valer tu descuento en cualquier farmacia
participante"
        android:textSize="16sp"
        android:textColor="@color/black"/>
</LinearLayout>
```

Activity_Home:

```
<?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"
    android:background="@drawable/imagen3"
    tools:context=".ventanas.HomeActivity">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_below="@+id/btnQR"
        android:text="Estas herraramientas te seran utiles para poner o escanear
ofertas en tus farmacias de confianza"
```

```
        android:layout_marginTop="90dp"
        android:textColor="@color/white"
        android:textSize="30dp" />

    <Button
        android:id="@+id/btnQR"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="QR"
        android:textSize="25dp"
        android:textAllCaps="false"
        android:backgroundTint="@android:color/holo_blue_dark"
        android:layout_marginTop="25dp"
        />
    <Button
        android:id="@+id/btnLector1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Lector de barras/QR"
        android:textSize="25dp"
        android:textAllCaps="false"
        android:layout_below="@+id/btnQR"
        android:backgroundTint="@android:color/holo blue dark"
        android:layout_marginTop="25dp"
        />
    <Button
        android:id="@+id/btcarga"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Agregar y ver Farmacias"
        android:textSize="25dp"
        android:textAllCaps="false"
        android:layout_below="@+id/btnLector1"
        android:backgroundTint="@android:color/holo_blue_dark"
        android:layout_marginTop="350dp"
        />

</RelativeLayout>
```

AActivity_Login:

```
<?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"
    android:background="@drawable/imagen2"
    android:padding="10dp"
    tools:context=".ventanas.LoginActivity">

    <ImageView
```

```
        android:id="@+id/imageView"
        android:layout_width="match_parent"
        android:layout_height="100dp"
        android:src="@drawable/login"
        />

    <EditText
        android:id="@+id/usernameLogin"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/imageView"
        android:layout_marginTop="50dp"
        android:backgroundTint="@color/white"
        android:hint="Nombre de ususario"
        android:textColor="#F3ECEC"
        android:textColorLink="#F6EFEF"
        android:textSize="25dp" />

    <EditText
        android:id="@+id/passwordLogin"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/usernameLogin"
        android:layout_marginTop="50dp"
        android:backgroundTint="@color/white"
        android:hint="Contraseña"
        android:textColor="#FAF4F4"
        android:textColorLink="#F1ECEC"
        android:textSize="25dp" />
    <Button
        android:id="@+id/btnLogin"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Login"
        android:textSize="25dp"
        android:textAllCaps="false"
        android:layout_below="@+id/passwordLogin"
        android:backgroundTint="@android:color/holo_orange_dark"
        android:layout_marginTop="25dp"
        />

</RelativeLayout>
```

AActivity_Main:

```
?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"
```

```
    android:padding="10dp"
    android:background="@drawable/imagen1"
    tools:context=".MainActivity">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="match_parent"
        android:layout_height="100dp"
        android:src="@drawable/boton3"
        android:scaleType="centerCrop"/>

    <EditText
        android:id="@+id/username"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/imageView"
        android:hint="Nombre de usuario"
        android:textColor="#131111"
        android:textColorHint="#150D0D"
        android:textSize="25dp" />

    <EditText
        android:id="@+id/password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/username"
        android:layout_marginTop="30dp"
        android:hint="Contraseña"
        android:textColor="#151414"
        android:textColorHint="#131010"
        android:textSize="25dp" />


    <EditText
        android:id="@+id/repassword"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/password"
        android:layout_marginTop="30dp"
        android:hint="Repetir contraseña"
        android:textColor="#130E0E"
        android:textColorHint="#171616"
        android:textSize="25dp" />
    <EditText
        android:id="@+id/telefono"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/repassword"
        android:layout_marginTop="30dp"
        android:hint="Numero de telefono"
```

```
        android:textColor="#130E0E"
        android:textColorHint="#171616"
        android:textSize="25dp" />
    <EditText
        android:id="@+id/correo1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/telefono"
        android:layout_marginTop="30dp"
        android:hint="Correo electronico"
        android:textColor="#130E0E"
        android:textColorHint="#171616"
        android:textSize="25dp" />

    <Button
        android:id="@+id/btnSingUp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Registrarse"
        android:textAllCaps="false"
        android:layout_below="@id/correo1"
        android:backgroundTint="@android:color/holo_blue_dark"
        android:textSize="25dp"
        android:layout_marginTop="20dp"
        />
    <Button
        android:id="@+id/btnSignIn"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Usuario existente!\n ir a la pagina de inicio"
        android:textAllCaps="false"
        android:layout_below="@id/btnSingUp"
        android:backgroundTint="@android:color/holo_blue_dark"
        android:textSize="25dp"
        android:layout_marginTop="20dp"
        />


</RelativeLayout>
```

Activity_menus:

```
<?xml version="1.0" encoding="UTF-8"?>

    <androidx.drawerlayout.widget.DrawerLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    tools:openDrawer="start"
    android:id="@+id/drawer_layout"
    tools:context=".Menus"
    android:layout_height="match_parent"
    android:layout_width="match_parent"
    xmlns:tools="http://schemas.android.com/tools"
```

```
    xmlns:app="http://schemas.android.com/apk/res-auto">

    <include
        android:layout_height="match_parent"
        android:layout_width="match_parent"
        layout="@layout/top_menu_main"/>

    <com.google.android.material.navigation.NavigationView
        android:id="@+id/nav_view"
        android:layout_height="wrap_content"
        android:layout_width="match_parent"
        app:menu="@menu/menu_principal"
        app:headerLayout="@layout/encabezado"
        android:layout_gravity="start"/>

</androidx.drawerlayout.widget.DrawerLayout>
```

Activity_Nuevo:

```
<?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:orientation="vertical"
    tools:context=".ConfiguracionBD.NuevoActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_margin="5dp"
        android:orientation="vertical">

        <TextView
            android:id="@+id/viewNombre"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Nombre de la farmacia" />

        <EditText
            android:id="@+id/txtNombre"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:labelFor="@+id/viewNombre"
            android:textSize="18sp" />

        <TextView
            android:id="@+id/viewTelefono"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
```

```
            android:text="Ciudad o ubicacion"/>

        <EditText
            android:id="@+id/txtTelefono"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:labelFor="@+id/viewTelefono"
            android:textSize="18sp" />

        <TextView
            android:id="@+id/viewCorreo"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="correo o numero de contacto" />

        <EditText
            android:id="@+id/txtCorreoElectronico"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:labelFor="@+id/viewCorreo"
            android:textSize="18sp" />

        <Button
            android:id="@+id/btnGuarda"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:text="GUARDAR FARMACIA"
            android:textSize="18sp" />
    </LinearLayout>
</LinearLayout>
```

Activity_publicidad:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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=".MainActivity"
    android:background="@color/white">

    <ImageView
        android:id="@+id/imagen"
        android:layout_width="300dp"
        android:layout_height="400dp"
```

```
        android:layout_marginTop="100dp"
        android:layout_marginBottom="383dp"
        android:background="@color/black"
        android:scaleType="fitXY"
        app:layout_constraintBottom_toTopOf="@+id/btnEnviar"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <Button
        android:id="@+id/btnEnviar"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Enviar"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/imageView" />


</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_QR:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
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=".ventanas.QR">

    <ImageView
        android:id="@+id/ivCodigob"
        android:layout_width="match_parent"
        android:layout_height="0dp"
        app:layout_constraintBottom_toTopOf="@+id/etDatos"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/etDatos"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toTopOf="@+id/btnGenerar"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"

tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,SpeakableTextPresentChec
k" />
```

```
    <Button
        android:id="@+id/btnGenerar"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:onClick="generar"
        android:text="Generar QR"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_registro:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <SearchView
            android:id="@+id/txtBuscar"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />

        <androidx.recyclerview.widget.RecyclerView
            android:id="@+id/listaContactos"
            android:layout_width="match_parent"
            android:layout_height="0dp"
            android:layout_weight=".9" />

        <com.google.android.material.floatingactionbutton.FloatingActionButton
            android:id="@+id/favNuevo"
            android:layout_width="wrap_content"
            android:layout_height="0dp"
            android:layout_gravity="bottom|end"
            android:layout_marginRight="10dp"
            android:layout_weight=".1"
            android:clickable="true"
            android:focusable="true"
            android:src="@drawable/ic_new"
            app:backgroundTint="@color/design_default_color_primary" />
```

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

Activity_ubicacion:

```
<?xml version="1.0" encoding="utf-8"?>
<fragment xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:map="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/map"
    android:name="com.google.android.gms.maps.SupportMapFragment"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".ventanas.Ubicacion" />
```

Activity_ver:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    android:orientation="vertical"
    tools:context=".ConfiguracionBD.VerActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="0dp"
        android:layout_weight=".9"
        android:orientation="vertical">

        <TextView
            android:id="@+id/viewNombre"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="@string/hint_nombre" />

        <EditText
            android:id="@+id/txtNombre"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:labelFor="@+id/viewNombre"
            android:textSize="18sp" />

        <TextView
            android:id="@+id/viewTelefono"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="@string/hint_telefono" />

        <EditText
```

```
            android:id="@+id/txtTelefono"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="phone"
            android:labelFor="@+id/viewTelefono"
            android:textSize="18sp" />

        <TextView
            android:id="@+id/viewCorreo"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="@string/hint_correo_electronico" />

        <EditText
            android:id="@+id/txtCorreoElectronico"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textEmailAddress"
            android:labelFor="@+id/viewCorreo"
            android:textSize="18sp" />

        <Button
            android:id="@+id/btnGuarda"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:text="@string/btn_guarda" />

        <com.google.android.material.floatingactionbutton.FloatingActionButton
            android:id="@+id/fabEliminar"
            android:layout_width="51dp"
            android:layout_height="wrap_content"
            android:layout_gravity="bottom|end"
            android:clickable="true"
            android:onClick="btn"
            android:src="@drawable/ic_delete" />

    </LinearLayout>
    <!--

        <com.google.android.material.bottomappbar.BottomAppBar
            android:id="@+id/bottomAppBar"
            style="@style/Widget.MaterialComponents.BottomAppBar.Colored"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_gravity="bottom"
            tools:ignore="BottomAppBar">
            <ImageButton
```

```
                android:id="@+id/imageButton"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                app:srcCompat="@drawable/ic_edit" />
        </com.google.android.material.bottomappbar.BottomAppBar>-->
</LinearLayout>
```

Encabezado:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="165dp"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:id="@+id/nav_header"
    android:background="#000093"
    android:baselineAligned="false"
    android:clickable="true"
    android:focusable="true"
    android:foreground="?attr/selectableItemBackgroundBorderless"
    android:gravity="center"
    android:orientation="vertical"
    android:padding="16dp"
    android:theme="@style/ThemeOverlay.AppCompat.Dark">


    <ImageView

        android:layout_width="80dp"
        android:layout_height="80dp"
        android:src="@drawable/simbolo"
        />


    <TextView
        android:id="@+id/nombrefarmacia"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Gestor de farmacias"
        android:fontFamily="cursive"
        android:textColor="@color/white"
        android:textStyle="bold"
        android:textSize="20sp" />

    <TextView
        android:id="@+id/nombre"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="David Juarez Mendoza"
        android:fontFamily="cursive"
        android:textColor="@color/white"
```

```
        android:textStyle="bold"
        android:textSize="16sp" />
```

To_menu_main

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".MainActivity">

    <com.google.android.material.appbar.AppBarLayout
        android:layout_height="wrap_content"
        android:layout_width="match_parent"
        android:fitsSystemWindows="true">

    <androidx.appcompat.widget.Toolbar
        android:layout_height="?attr/actionBarSize"
        android:layout_width="match_parent"
        app:layout_scrollFlags="scroll|enterAlways"
        android:background="@color/purple_500"
        android:id="@+id/toolbar_main"/>

        <TextView
            android:id="@+id/textView2"
            android:layout_width="410dp"
            android:layout_margin="25dp"
            android:layout_height="wrap_content"
            android:layout_gravity="center_horizontal"
            android:fontFamily="cursive"
            android:textStyle="bold"
            android:text="----LA MEJOR APLICACION----"
            android:textColor="@color/white"
            android:textSize="26sp"
            />

        <ImageView
            android:layout_width="410dp"
            android:layout_height="600dp"
            android:src="@drawable/logos"
            />

</com.google.android.material.appbar.AppBarLayout>

    <FrameLayout
        android:id="@+id/content_appBar"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />
```

```
</RelativeLayout>
```

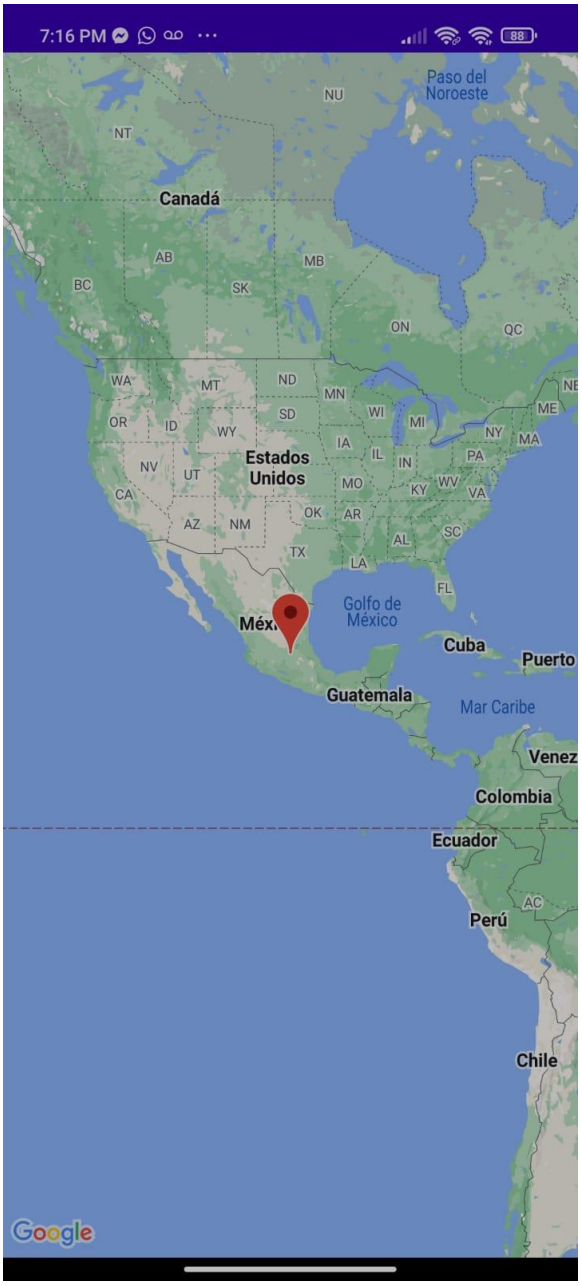
Menú_principal:

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android">
<item android:id="@+id/item1"
    android:title="Registro"
    android:icon="@drawable/ic_registro"/>
    <item android:id="@+id/item2"
        android:title="Promocion"
        android:icon="@drawable/ic_promo"/>
    <item android:id="@+id/item3"
        android:title="Ubicacion"
        android:icon="@drawable/ic_map"/>
    <item android:id="@+id/item4"
        android:title="Publicidad"
        android:icon="@drawable/ic_imagen"/>




</menu>
```

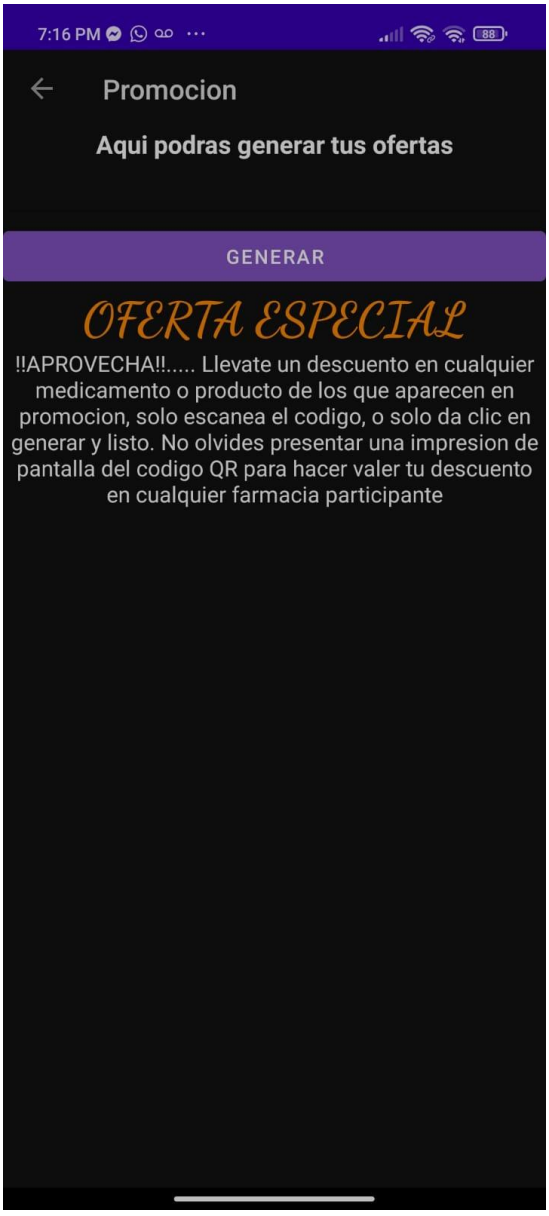
Capturas de funcionamiento:

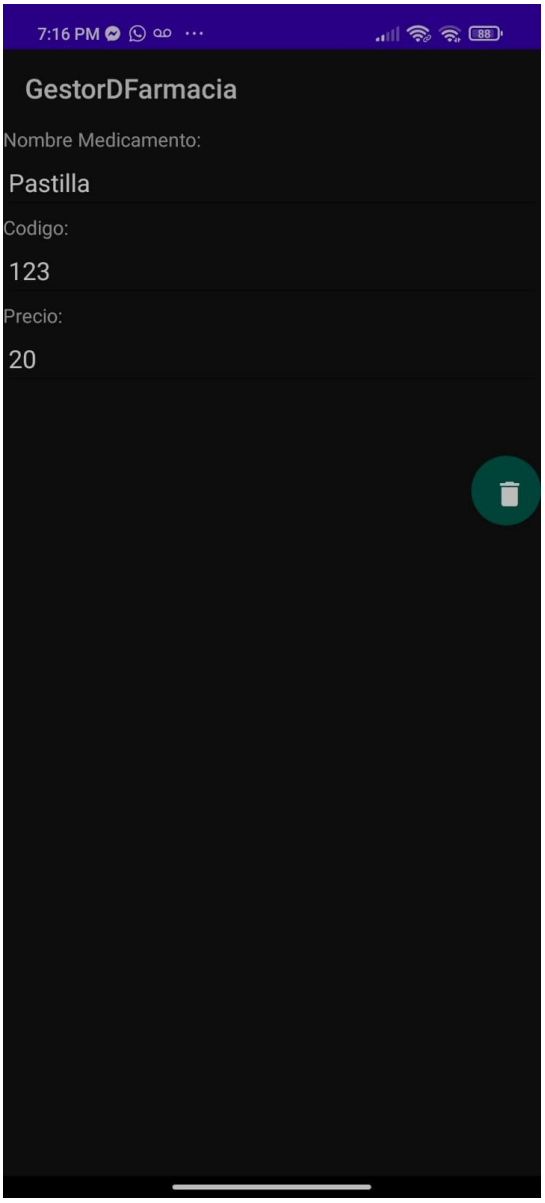


Av. Tecnológico #2 Col. Centro, C.P. 76800
San Juan del Río, Querétaro
Tel. 4272724118 y 4272724178 Ext:103
tecnm.mx | sjuanrio.tecnm.mx

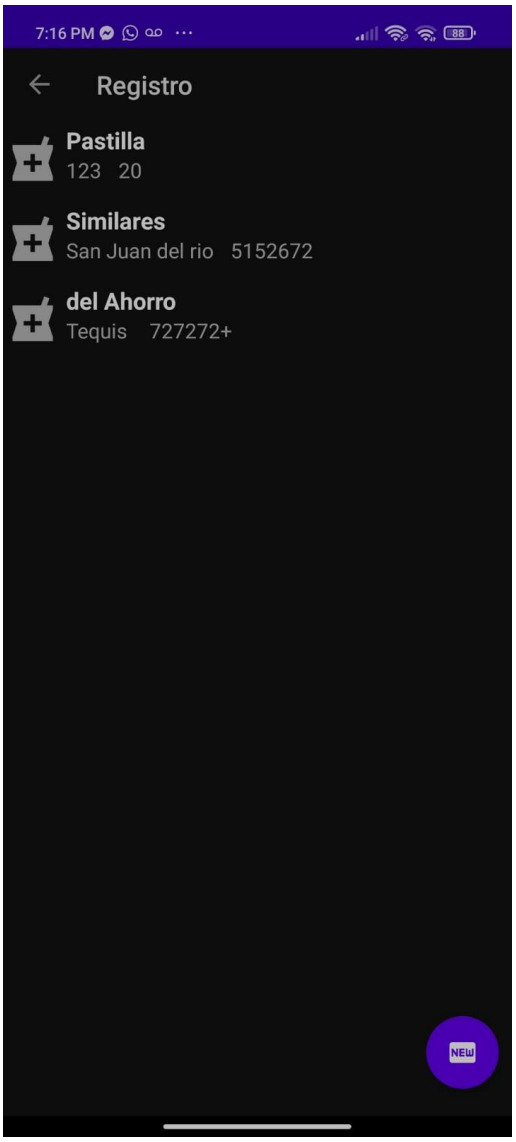
7:16 PM
Busca aquí
Tacos maya
Tacos
La casita de
Calcita
Circón
Toba
Estalactita
Agata
Olivina
Topacio
Jaspe
Hornito
Albita
Mat. Pedregoso
Acuática Municipal
Oriente "Pedregoso"
Trips to the world
Mica
Del Sillar
Ubicacion de farmacia
20.376206, -99.963432
Indicaciones
Guardar
Compartir
FARMACIAS SIMILARES

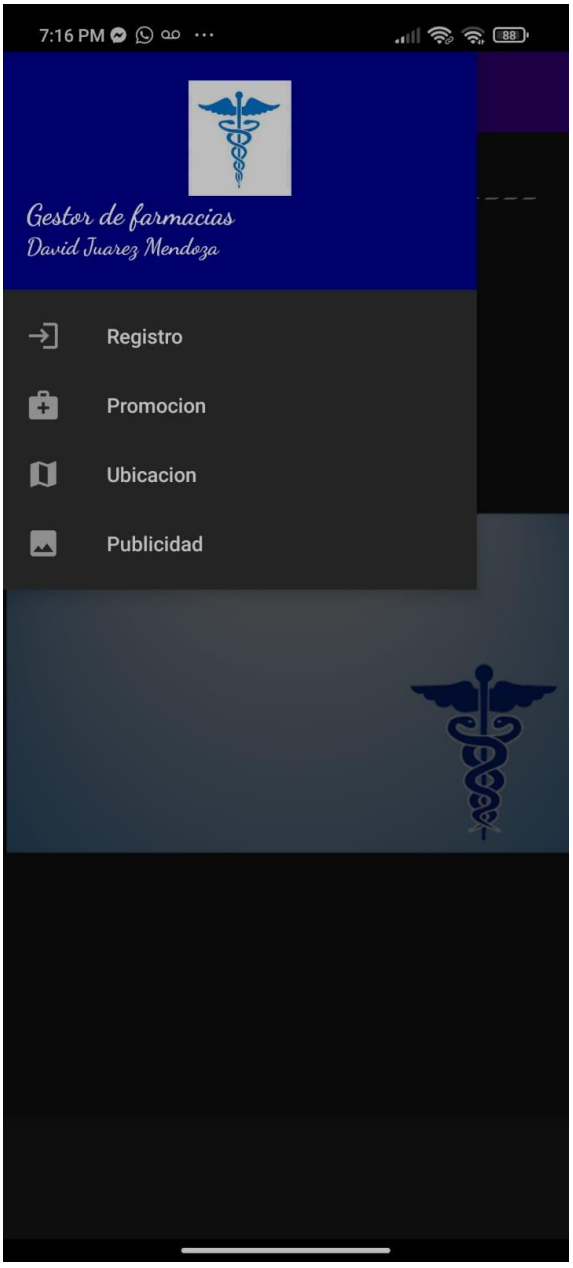
7:17 PM
Publicidad
ENVIAR


7:16 PM
Promocion
Aqui podras generar tus ofertas
GENERAR
OFERTA ESPECIAL
!!APROVECHA!!..... Llevate un descuento en cualquier medicamento o producto de los que aparecen en promocion, solo escanea el codigo, o solo da clic en generar y listo. No olvides presentar una impresion de pantalla del codigo QR para hacer valer tu descuento en cualquier farmacia participante

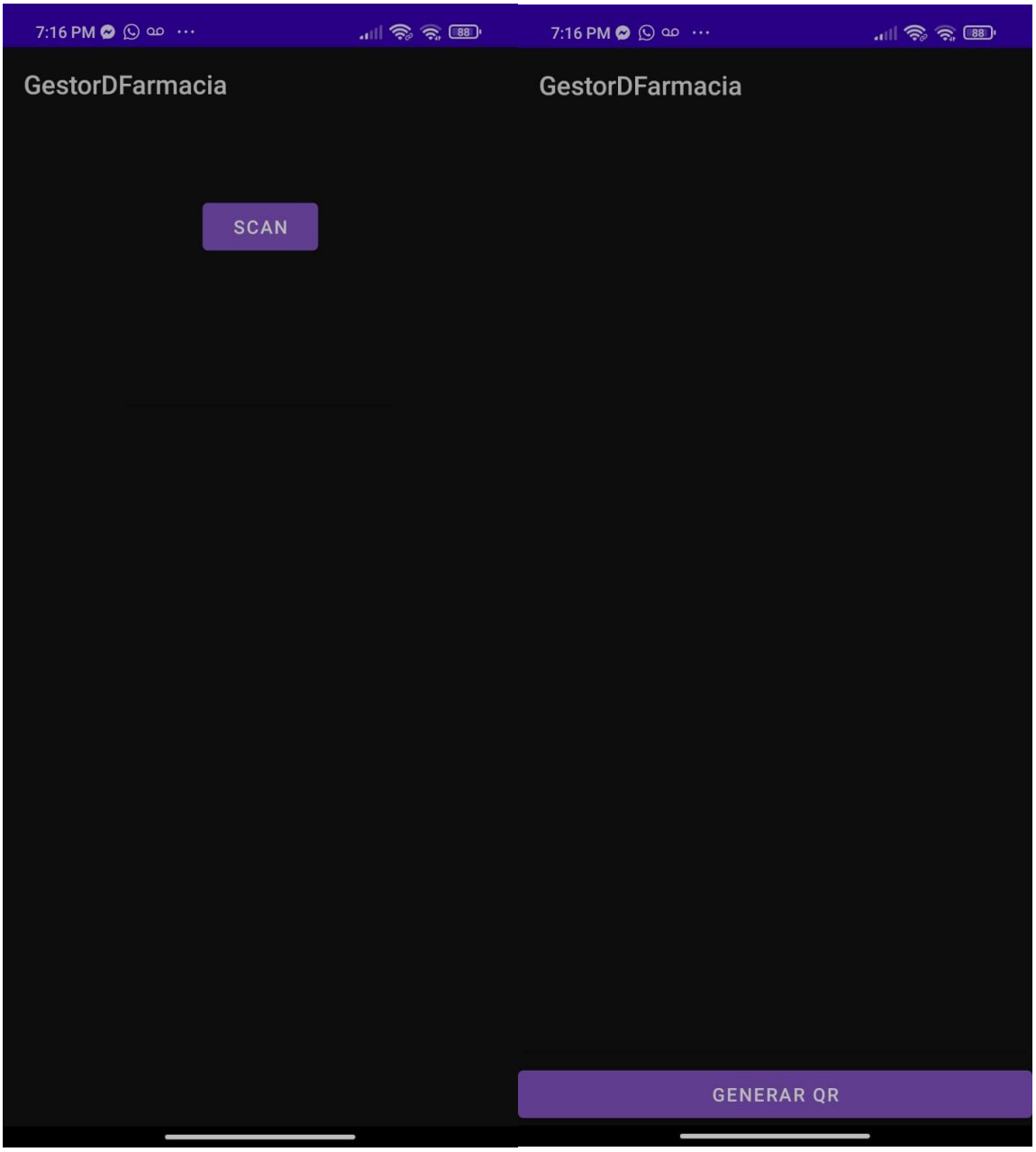

7:16 PM
GestorDFarmacia
Nombre Medicamento:
Pastilla
Codigo:
123
Precio:
20

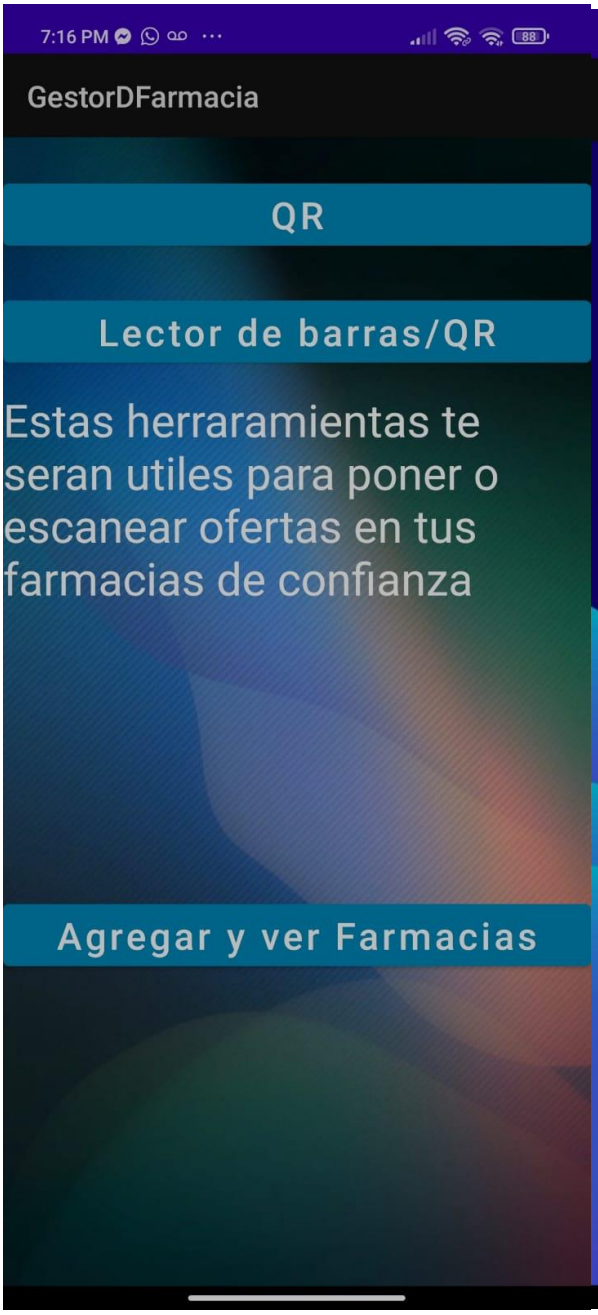
7:16 PM
GestorDFarmacia
Nombre de la farmacia
Ciudad o ubicacion
correo o numero de contacto
GUARDAR FARMACIA

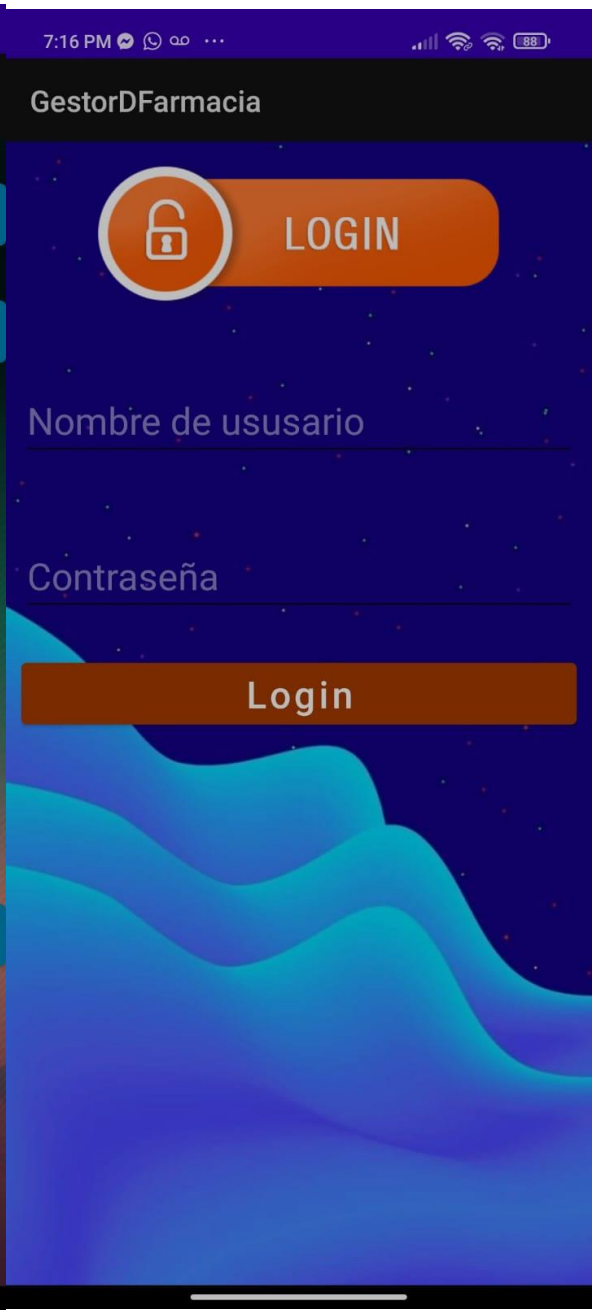

7:16 PM
Registro
Pastilla
123 20
Similares
San Juan del rio 5152672
del Ahorro
Tequis 727272+
NEW

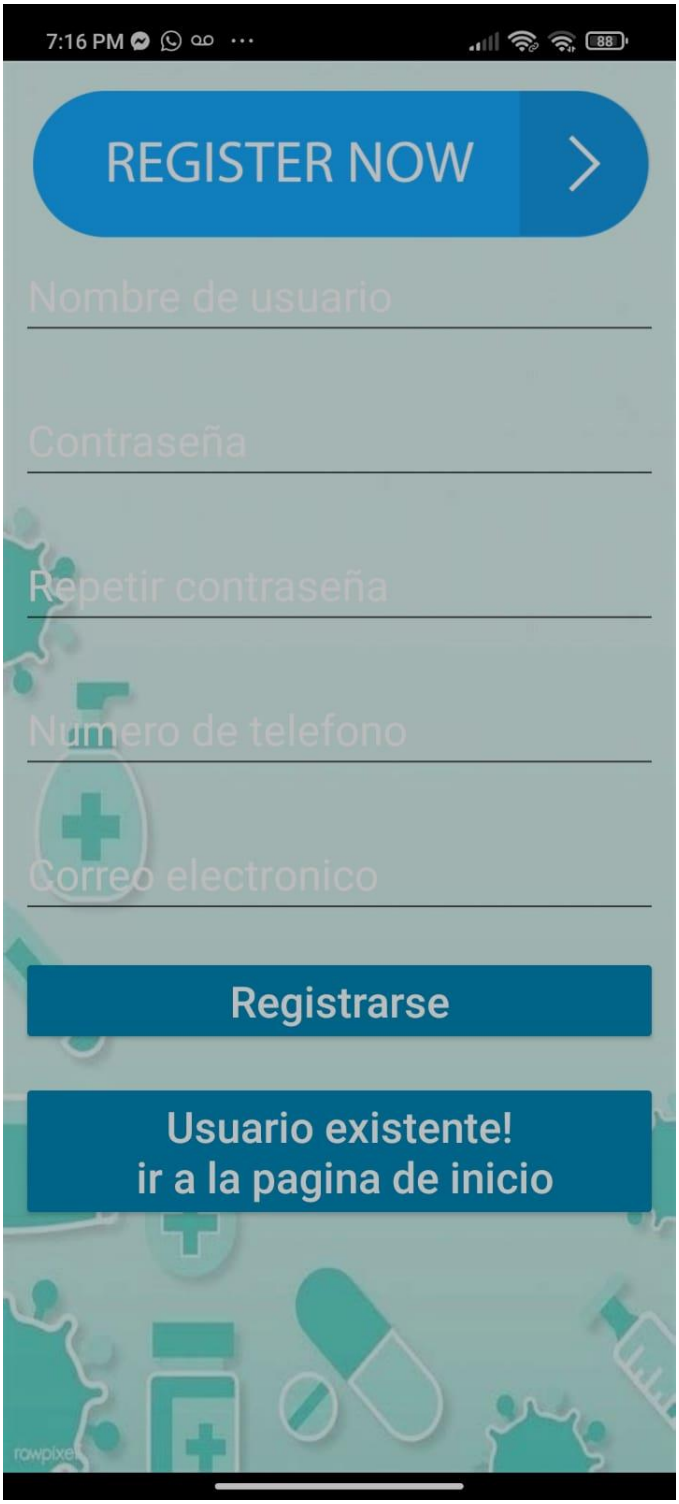

7:16 PM
Gestor de farmacias
David Juarez Mendoza
Registro
Promocion
Ubicacion
Publicidad

7:16 PM
GestorDFarmacia
----LA MEJOR APLICACION----


7:16 PM
GestorDFarmacia
SCAN
7:16 PM
GestorDFarmacia
GENERAR QR


7:16 PM
GestorDFarmacia
QR
Lector de barras/QR
Estas herraramientas te seran utiles para poner o escanear ofertas en tus farmacias de confianza
Agregar y ver Farmacias


7:16 PM
GestorDFarmacia
LOGIN
Nombre de ususario
Contraseña
Login


7:16 PM
REGISTER NOW
Nombre de usuario
Contraseña
Repetir contraseña
Numero de telefono
Correo electronico
Registrarse
Usuario existente!
ir a la pagina de inicio
rawpixel