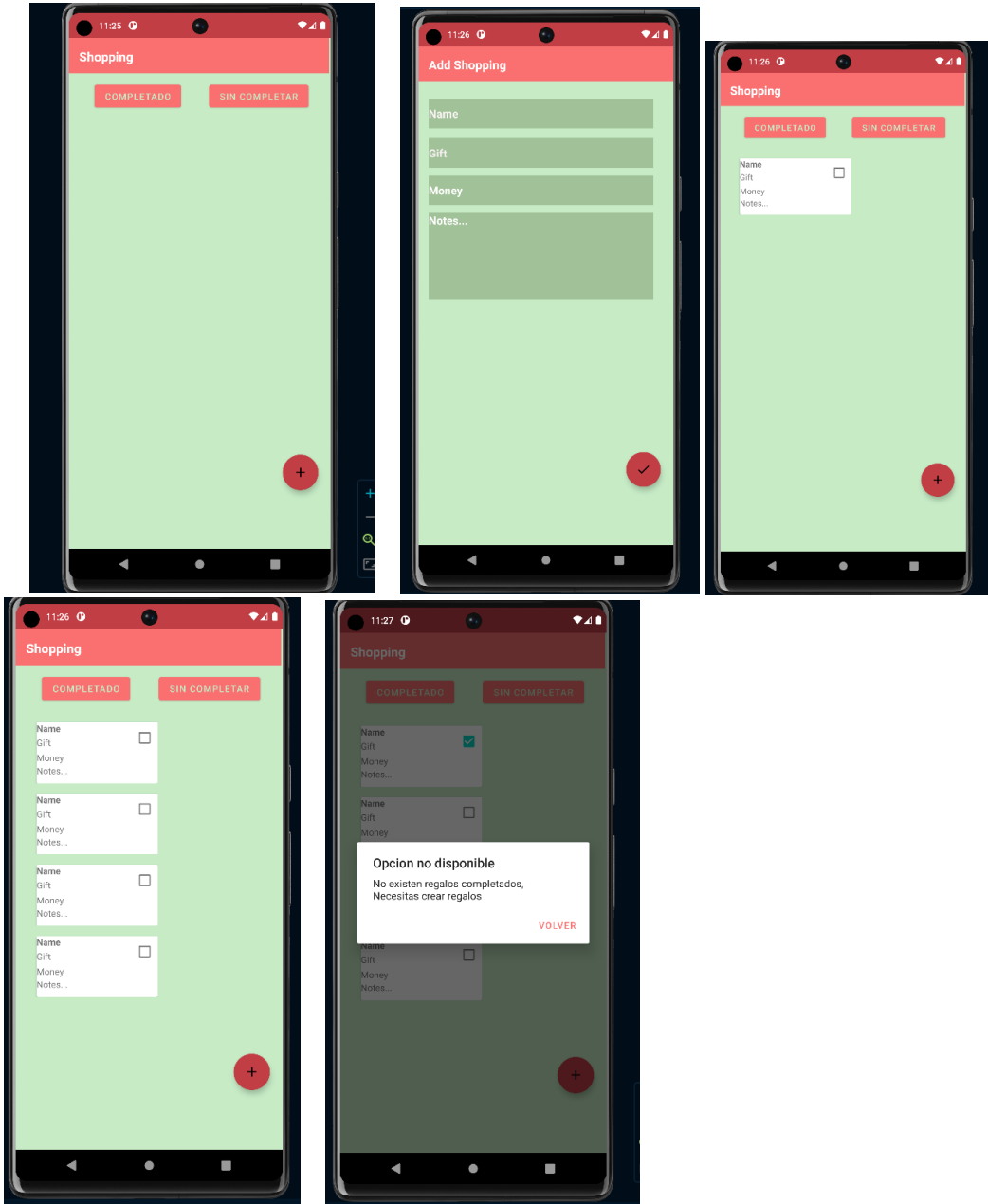


EXAMEN DANIEL RODRÍGUEZ FERNÁNDEZ

2DAM

1. CAPTURA DE PANTALLA



2. CÓDIGO

CLASE MAIN

```
class MainActivity : AppCompatActivity() {

    private lateinit var fragmentUno: Fragment
    private lateinit var fragmentDos: Fragment
    private lateinit var fragmentTres: Fragment
    private lateinit var fragmentCuatro: Fragment

    //Creamos la lista de regalos
    var lista = ArrayList<Shop>()

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        fragmentUno = FirstFragment()
        fragmentDos = SecondFragment()
        fragmentTres = AddShopping()
        fragmentCuatro = EditShopping()

        supportFragmentManager.beginTransaction().replace(R.id.layoutPrincipal
        , FirstFragment()).commit()

    }

    fun onClickNuevoAdd(view: View) {

        supportFragmentManager.beginTransaction().replace(R.id.layoutPrincipal
        , fragmentTres).commit()
    }

    fun onClickInsertar(view: View) {
        //Obtenemos los datos
        var nameData =
        findViewById<EditText>(R.id.tName).text.toString()
        var giftData =
        findViewById<EditText>(R.id.tGift).text.toString()
        var moneyData =
        findViewById<EditText>(R.id.tMoney).text.toString()
        var noteData =
        findViewById<EditText>(R.id.tNotes).text.toString()
        var shop = Shop(UUID.randomUUID().toString(), nameData,
        giftData, moneyData, noteData, false)
        lista.add(shop)
        println(lista.toString())
        println(shop.name)

        var fragmentoLista = FirstFragment()

        fragmentoLista.llenarLista(lista)

        if(lista.size == 0){
            val builder = AlertDialog.Builder(this)
            builder.setTitle("Opcion no disponible")
                .setMessage("No existen regalos, \n" +
                "Necesitas crear regalos")
                .setNegativeButton("Volver") { dialog, which ->
        dialog.dismiss() }
    }
```

```

        builder.show()
    }else {
        println("hemos llegado hasta la opcion de crear recicler")

        var s = supportFragmentManager.beginTransaction()
            s.addToBackStack(null)
            s.replace(R.id.layoutPrincipal,
fragmentoLista).commit()

    }

}

fun filtroCompletado(view: View) {
    var listaFiltrada = ArrayList<Shop>()
    for (i in lista) {
        if (i.isComplete == true) {
            listaFiltrada.add(i)
        }
    }
    var fragmentoLista = FirstFragment()

    fragmentoLista.llenarLista(listaFiltrada)

    if (listaFiltrada.size == 0) {
        val builder = AlertDialog.Builder(this)
        builder.setTitle("Opcion no disponible")
        .setMessage(
            "No existen regalos completados, \n" +
            "Necesitas crear regalos"
        )
        .setNegativeButton("Volver") { dialog, which ->
dialog.dismiss() }
        builder.show()
    } else {
        println("hemos llegado hasta la opcion de crear recicler")

        var s = supportFragmentManager.beginTransaction()
            s.addToBackStack(null)
            s.replace(R.id.layoutPrincipal, fragmentoLista).commit()
    }
}

fun filtroSinCompletar(view: View) {
    //Filtramos los regalos por aquellos que solo tienen el
checkbox en true

}

}

```

CLASE ADAPTER

```

package com.drodriguez.examendanielrodriguez

import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import android.widget.CheckBox
import android.widget.TextView
import androidx.recyclerview.widget.RecyclerView

class Adapter(

```

```

        private var dataList: List<Shop>,
    ): RecyclerView.Adapter<Adapter.ViewHolder>() {

        class ViewHolder(view: View): RecyclerView.ViewHolder(view) {
            var name: TextView = view.findViewById(R.id.reName)
            var gift: TextView = view.findViewById(R.id.reGift)
            var money: TextView = view.findViewById(R.id.reMoney)
            var note: TextView = view.findViewById(R.id.reNotes)
            var isComplete: CheckBox = view.findViewById(R.id.reComplete)

        }

        override fun onCreateViewHolder(parent: ViewGroup, viewType: Int):
ViewHolder {
            val view =
LayoutInflater.from(parent.context).inflate(R.layout.item, parent,
false)
            return ViewHolder(view)
        }

        override fun onBindViewHolder(holder: ViewHolder, position: Int) {
            val item = dataList[position]
            holder.name.setText("${item.name.toString()}")
            holder.gift.setText("${item.gift.toString()}")
            holder.money.setText("${item.money.toString()}")
            holder.note.setText("${item.note.toString()}")
            holder.isComplete.isChecked = item.isComplete
        }

        override fun getItemCount(): Int {
            return dataList.size
        }

        fun setData(list: List<Shop>) {
            this.dataList = list
        }
    }
}

```

CLASE SHOP

```

package com.drodriguez.examendanielrodriguez

class Shop(
    var id: String,
    var name: String,
    var gift: String,
    var money: String,
    var note: String,
    var isComplete: Boolean
) {
}

```

CLASE ADDSHOPPING

```

package com.drodriguez.examendanielrodriguez

import android.os.Bundle
import androidx.fragment.app.Fragment
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup

```

```

class AddShopping : Fragment() {

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        arguments?.let {

        }

    }

    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_add_shopping,
container, false)
    }

    fun onClickInsertar(view: View) {}

}

```

CLASE FIRST FRAGMENT

```

package com.drodriguez.examendanielrodriguez

import android.os.Bundle
import androidx.fragment.app.Fragment
import android.view.LayoutInflater
import android.view.View
import android.view.ViewGroup
import androidx.navigation.fragment.findNavController
import androidx.recyclerview.widget.LinearLayoutManager
import androidx.recyclerview.widget.RecyclerView
import
com.drodriguez.examendanielrodriguez.databinding.FragmentFirstBinding

class FirstFragment : Fragment() {
    var lista = ArrayList<Shop>()

    private var _binding: FragmentFirstBinding? = null

    private val binding get() = _binding!!

    override fun onCreateView(

        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        val recycler: RecyclerView
        val vista = inflater.inflate(R.layout.fragment_first,
container, false)
        recycler = vista.findViewById(R.id.recyclerView)
        recycler.layoutManager = LinearLayoutManager(context)

        recycler.adapter = Adapter(lista)
        return vista
    }
}

```

```
        override fun onCreateView(view: View, savedInstanceState: Bundle?) {  
            super.onCreateView(view, savedInstanceState)  
  
        }  
        fun llenarLista(list: ArrayList<Shop>){  
            lista = list  
        }  
    }
```