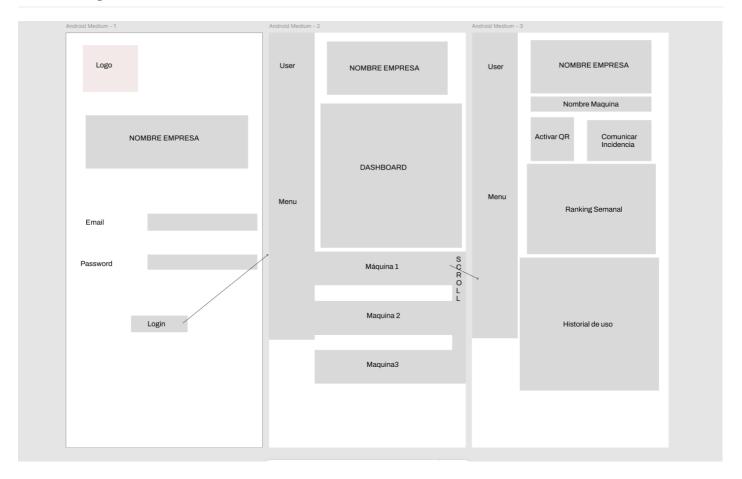
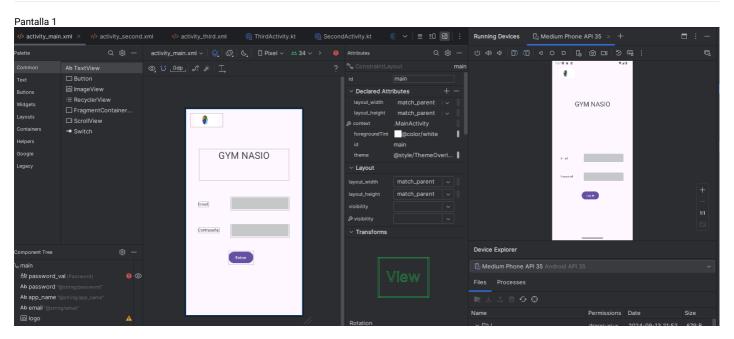
# Gimnasio

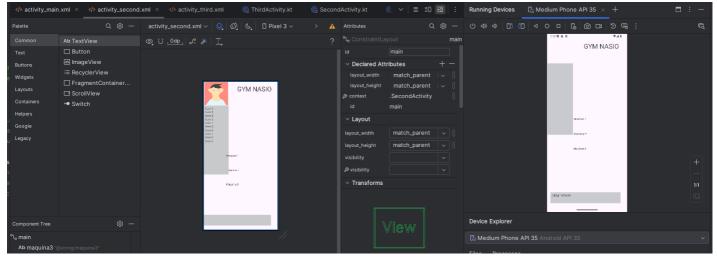
## Diseño Original

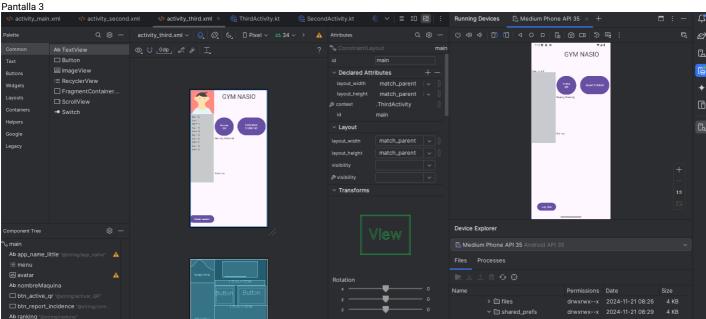


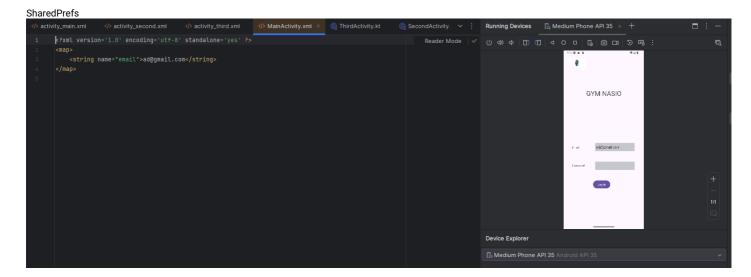
# Diseño Android Studio y ejecucion



Pantalla 2







## **XML**

### Actividad 1

```
<?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:id="@+id/main"
    android:layout_width="match_parent"</pre>
```

```
android:layout_height="match_parent"
android:foregroundTint="@color/white"
android:theme="@style/ThemeOverlay.Material3.TextInputEditText"
tools:context=".MainActivity">
<FditText
   android:id="@+id/password_val"
   android:layout_width="209dp"
   android:layout_height="48dp"
   android:layout_marginTop="60dp"
    android:layout_marginEnd="44dp"
   android:background="@android:drawable/editbox_background_normal"
   android:backgroundTint="@color/material_dynamic_neutral80"
   android:fadingEdge="horizontal|vertical"
   android:inputType="textPassword"
   android:visibility="visible"
    app:layout_constraintEnd_toEndOf="parent"
   app:layout_constraintTop_toBottomOf="@+id/email" />
<TextView
   android:id="@+id/password"
   android:layout_width="wrap_content"
   android:layout_height="wrap_content"
   android:layout_marginStart="44dp"
    android:layout_marginBottom="292dp"
    android:text="@string/password"
   app:layout_constraintBottom_toBottomOf="parent"
   app:layout_constraintStart_toStartOf="parent" />
<TextView
    android:id="@+id/app_name"
    android:layout_width="317dp"
    android:layout_height="110dp"
   android:outlineProvider="paddedBounds"
   android:text="@string/app_name"
   android:textAlignment="center"
   android:textDirection="inherit"
   android:textSize="34sn"
   app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
   app:layout constraintStart toStartOf="parent"
   app:layout_constraintTop_toTopOf="parent"
   app:layout_constraintVertical_bias="0.228" />
<TextView
   android:id="@+id/email"
    android:layout_width="wrap_content"
   android:layout height="wrap content"
   android:layout_marginStart="44dp"
   android:layout_marginBottom="384dp"
   android:text="@string/email"
   app:layout constraintBottom toBottomOf="parent"
   app:layout_constraintStart_toStartOf="parent" />
<ImageView
   android:id="@+id/logo"
   android:layout_width="115dp"
   android:layout_height="48dp"
   android:layout marginStart="16dp"
   android:layout_marginTop="16dp"
   app:layout_constraintStart_toStartOf="parent"
   app:layout_constraintTop_toTopOf="parent"
   app:srcCompat="@drawable/icono" />
<Button
```

```
android:id="@+id/btn login"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
       android:layout_marginEnd="172dp"
       android:layout_marginBottom="180dp"
       android:text="@string/logIn"
       app:layout_constraintBottom_toBottomOf="parent"
       app:layout_constraintEnd_toEndOf="parent" />
    <FditText
       android:id="@+id/email val"
       android:layout_width="209dp"
       android:layout_height="48dp"
       android:layout_marginEnd="44dp"
       android:layout marginBottom="48dp"
       android:background="@android:drawable/editbox_background"
        android:backgroundTint="@color/material_dynamic_neutral80"
       android:drawableTint="@color/material_dynamic_neutral10"
       android:fadingEdge="horizontal|vertical"
       android:foregroundTint="@color/material_dynamic_neutral10"
       android:requiresFadingEdge="horizontal|vertical"
       android:visibility="visible"
        app:layout_constraintBottom_toTopOf="@+id/password_val"
       app:layout_constraintEnd_toEndOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

#### Actividad 2

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
   android:id="@+id/main"
   android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".SecondActivity">
    <TextView
       android:id="@+id/maquina3"
       android:layout width="258dp"
       android:layout_height="61dp"
       android:layout_marginTop="152dp"
       android:text="@string/maquina3"
       app:layout_constraintEnd_toEndOf="parent"
       app:layout_constraintHorizontal_bias="0.888"
       app:layout_constraintStart_toStartOf="parent"
       app:layout constraintTop toBottomOf="@+id/dashboard" />
    <TextView
       android:id="@+id/maquina2"
       android:layout width="257dp"
       android:layout_height="60dp"
       android:layout_marginTop="76dp"
       android:text="@string/maquina2"
       app:layout_constraintEnd_toEndOf="parent"
       app:layout_constraintHorizontal_bias="0.896"
        app:layout_constraintStart_toStartOf="parent"
       app:layout constraintTop toBottomOf="@+id/dashboard" />
    <ImageView</pre>
       android:id="@+id/avatar"
       android:layout width="136dp"
       android:layout_height="126dp"
       app:layout_constraintStart_toStartOf="parent"
        annilavout constraintTon toTanOf-"nament"
```

```
app: Layout constraint top to topot = parent
   tools:srcCompat="@tools:sample/avatars" />
<androidx.recyclerview.widget.RecyclerView</pre>
   android:id="@+id/menu"
   android:layout_width="136dp"
    android:layout_height="373dp"
   android:background="@android:drawable/edit text"
   android:backgroundTint="@color/material_dynamic_neutral80"
   android:clipChildren="false"
   android:clipToPadding="false"
   app:layout constraintStart toStartOf="parent"
   app:layout_constraintTop_toBottomOf="@+id/avatar" />
<TextView
   android:id="@+id/app_name_little"
   android:layout_width="188dp"
   android:layout_height="85dp"
   android:layout_marginStart="20dp"
   android:layout_marginTop="16dp"
    android:text="@string/app_name"
   android:textSize="34sp"
   app:layout constraintEnd toEndOf="parent"
   app:layout_constraintHorizontal_bias="0.477"
   app:layout_constraintStart_toEndOf="@+id/avatar"
   app:layout_constraintTop_toTopOf="parent" />
<View
   android:id="@+id/dashboard"
   android:layout_width="271dp"
   android:layout_height="259dp"
   android:layout_marginStart="8dp"
   app:layout constraintBottom toBottomOf="parent"
   app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.971"
   app:layout_constraintStart_toEndOf="@+id/menu"
   app:layout_constraintStart_toStartOf="parent"
   app:layout_constraintTop_toTopOf="parent"
   app:layout_constraintVertical_bias="0.237" />
<TextView
   android:id="@+id/maquina1"
    android:layout_width="257dp"
   android:layout_height="56dp"
   android:text="@string/maquina1"
   app:layout_constraintEnd_toEndOf="parent"
   app:layout_constraintHorizontal_bias="0.889"
   app:layout_constraintStart_toStartOf="parent"
   app:layout_constraintTop_toBottomOf="@+id/dashboard" />
<View
   android:id="@+id/scroll"
   android:layout_width="15dp"
   android:layout_height="224dp"
   android:layout_marginTop="368dp"
   app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
<TextView
   android:id="@+id/user_info"
    android:layout_width="365dp"
   android:layout_height="63dp"
    android:layout_marginEnd="32dp"
    android:layout_marginBottom="16dp"
    android:background="@android:drawable/edit_text"
    android:backgroundTint="@color/material_dynamic_neutral80"
```

```
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

#### Actividad 3

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
   xmlns:app="http://schemas.android.com/apk/res-auto"
   xmlns:tools="http://schemas.android.com/tools"
   android:id="@+id/main"
   android:layout width="match parent"
   android:layout height="match parent"
   tools:context=".ThirdActivity">
    <TextView
       android:id="@+id/app_name_little"
       android:layout_width="188dp"
       android:layout_height="85dp"
       android:layout_marginStart="20dp"
       android:layout_marginTop="12dp"
       android:layout_marginEnd="52dp"
       android:text="@string/app name"
       android:textSize="34sp"
       app:layout_constraintEnd_toEndOf="parent"
       app:layout_constraintHorizontal_bias="1.0"
       app:layout_constraintStart_toEndOf="@+id/avatar"
       app:layout_constraintTop_toTopOf="parent" />
    <androidx.recyclerview.widget.RecyclerView</pre>
       android:id="@+id/menu"
       android:layout_width="128dp"
       android:layout_height="373dp"
       android:layout_marginTop="128dp"
       android:background="@android:drawable/edit_text"
       android:backgroundTint="@color/material_dynamic_neutral80"
       android:clipChildren="false"
       android:clipToPadding="false"
       app:layout_constraintStart_toStartOf="parent"
       app:layout_constraintTop_toTopOf="@+id/avatar" />
   <ImageView</pre>
       android:id="@+id/avatar"
       android:layout_width="wrap_content"
       android:layout_height="wrap_content"
       app:layout_constraintStart_toStartOf="parent"
       app:layout_constraintTop_toTopOf="parent"
       tools:srcCompat="@tools:sample/avatars" />
    <TextView
       android:id="@+id/nombreMaquina"
       android:layout_width="265dp"
       android:layout_height="27dp"
       android:layout_marginStart="3dp"
       android:layout_marginTop="16dp"
       app:layout_constraintStart_toEndOf="@+id/avatar"
       app:layout_constraintTop_toBottomOf="@+id/app_name_little" />
    <Button
       android:id="@+id/btn_active_qr"
       android:layout_width="102dp"
       android:layout_height="105dp"
       android:layout_marginStart="3dp"
       android:layout_marginTop="4dp"
```

```
android:text="@string/activar_QR"
        app:layout_constraintStart_toEndOf="@+id/menu"
        app:layout_constraintTop_toBottomOf="@+id/nombreMaquina" />
    <Button
       android:id="@+id/btn_report_incidence"
       android:layout_width="152dp"
       android:layout_height="103dp"
       android:layout_marginStart="20dp"
       android:layout_marginTop="4dp"
       android:text="@string/comunicar_incidencia"
       app:layout_constraintStart_toEndOf="@+id/btn_active_qr"
       app:layout_constraintTop_toBottomOf="@+id/nombreMaquina" />
    <TextView
       android:id="@+id/ranking"
       android:layout_width="285dp"
       android:layout_height="190dp"
       android:layout_marginTop="108dp"
       android:text="@string/ranking"
       app:layout_constraintStart_toEndOf="@+id/menu"
       app:layout_constraintTop_toBottomOf="@+id/nombreMaquina" />
    <TextView
       android:id="@+id/historico"
       android:layout_width="282dp"
       android:layout_height="288dp"
       android:layout marginTop="296dp"
       android:text="@string/histórico"
       app:layout_constraintStart_toStartOf="@+id/ranking"
       app:layout_constraintTop_toBottomOf="@+id/nombreMaquina" />
    <Button
       android:id="@+id/btn_log_out"
       android:layout_width="wrap_content"
       android:layout_height="wrap_content"
       android:layout_marginBottom="16dp"
       android:text="@string/logout"
       app:layout_constraintBottom_toBottomOf="parent"
       app:layout_constraintEnd_toStartOf="@+id/historico" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

#### SharedPrefs

## Comentarios

He utilizado el componente view ya que hay componentes más complejos que dan problemas. Se cambiarían a distintos tipos de vistas a futuro. Al igual que apartados como el menú se irán definiendo con mas detalle a futuro. Los botones de logOut y el user\_info no los he incluido en el diseño, ya que irian dentro del menú para proximas prácticas