



Código de fuente: Diseño de activities, (Lenguaje: XML)

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```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@android:color/background_light"
8     tools:context=".MainActivity">
9
10    <ImageButton
11        android:id="@+id/imgBtn_microphone_background"
12        android:layout_width="160dp"
13        android:layout_height="160dp"
14        android:layout_marginStart="8dp"
15        android:layout_marginEnd="8dp"
16        android:background="?attr/selectableItemBackgroundBorderless"
17        android:onClick="onClickListener_microphone"
18        android:scaleType="fitXY"
19        app:layout_constraintBottom_toBottomOf="parent"
20        app:layout_constraintEnd_toEndOf="parent"
21        app:layout_constraintStart_toStartOf="parent"
22        app:layout_constraintTop_toTopOf="parent"
23        android:tint="@color/ColorBackMicKeyword"
24        app:srcCompat="@drawable/ic_main_mic_circle"
25        android:stateListAnimator="@null"/>
26
27    <ImageButton
28        android:id="@+id/imgBtn_microphone"
29        android:layout_width="115dp"
30        android:layout_height="115dp"
31        android:layout_marginStart="8dp"
32        android:layout_marginEnd="8dp"
33        android:background="?attr/selectableItemBackgroundBorderless"
34        android:onClick="onClickListener_microphone"
35        android:scaleType="fitXY"
36        android:stateListAnimator="@null"
37        android:tint="@color/ColorMic"
38        app:layout_constraintBottom_toBottomOf="parent"
39        app:layout_constraintEnd_toEndOf="parent"
40        app:layout_constraintStart_toStartOf="parent"
41        app:layout_constraintTop_toTopOf="parent"
42        app:layout_constraintVertical_bias="0.501"
43        app:srcCompat="@drawable/ic_main_mic_listening" />
44
45    <ImageButton
46        android:id="@+id/imgBtn_commands"
47        android:layout_width="55dp"
48        android:layout_height="55dp"
49        android:layout_marginStart="284dp"
50        android:alpha="0.0"
51        android:background="?attr/selectableItemBackgroundBorderless"
52        android:onClick="onClickListener_commands"
53        android:scaleType="fitXY"
54        android:visibility="gone"
55        app:layout_constraintBottom_toBottomOf="parent"
56        app:layout_constraintStart_toStartOf="parent"
57        app:layout_constraintTop_toTopOf="parent"
58        app:srcCompat="@drawable/ic_commands_menu" />
59
60    <ImageButton
61        android:id="@+id/imgBtn_contacts"
62        android:layout_width="55dp"
```

```
63        android:layout_height="55dp"
64        android:layout_marginStart="283dp"
65        android:alpha="0.0"
66        android:background="?attr/selectableItemBackgroundBorderless"
67        android:onClick="onClickListener_contacts"
68        android:scaleType="fitXY"
69        android:visibility="gone"
70        app:layout_constraintBottom_toBottomOf="parent"
71        app:layout_constraintStart_toStartOf="parent"
72        app:layout_constraintTop_toTopOf="parent"
73        app:srcCompat="@drawable/ic_contacts_menu" />
74
75    <ImageButton
76        android:id="@+id/imgBtn_bluetooth"
77        android:layout_width="55dp"
78        android:layout_height="55dp"
79        android:layout_marginStart="283dp"
80        android:alpha="0.0"
81        android:background="?attr/selectableItemBackgroundBorderless"
82        android:onClick="onClickListener_bluetooth"
83        android:scaleType="fitXY"
84        android:visibility="gone"
85        app:layout_constraintBottom_toBottomOf="parent"
86        app:layout_constraintStart_toStartOf="parent"
87        app:layout_constraintTop_toTopOf="parent"
88        app:srcCompat="@drawable/ic_icono_bluetooth_remake" />
89
90    <ImageButton
91        android:id="@+id/imgBtn_settings"
92        android:layout_width="55dp"
93        android:layout_height="55dp"
94        android:layout_marginStart="283dp"
95        android:alpha="0.0"
96        android:background="?attr/selectableItemBackgroundBorderless"
97        android:onClick="onClickListener_settings"
98        android:scaleType="fitXY"
99        android:visibility="gone"
100       app:layout_constraintBottom_toBottomOf="parent"
101       app:layout_constraintStart_toStartOf="parent"
102       app:layout_constraintTop_toTopOf="parent"
103       app:srcCompat="@drawable/ic_settings_menu" />
104
105    <ImageButton
106        android:id="@+id/imgBtn_menu"
107        android:layout_width="55dp"
108        android:layout_height="55dp"
109        android:layout_marginStart="8dp"
110        android:layout_marginEnd="8dp"
111        android:background="?attr/selectableItemBackgroundBorderless"
112        android:onClick="onClickListener_menu"
113        android:scaleType="fitXY"
114        app:layout_constraintBottom_toBottomOf="parent"
115        app:layout_constraintEnd_toEndOf="parent"
116        app:layout_constraintStart_toEndOf="@+id/imgBtn_microphone_background"
117        app:layout_constraintTop_toTopOf="parent"
118        app:srcCompat="@drawable/ic_bluetooth_menu" />
119
120    <TextView
121        android:id="@+id/textView_speechRecognitionResults"
122        style="@style/hypothesisTextAppearance"
123        android:layout_width="311dp"
124        android:layout_height="101dp"
125        android:layout_marginStart="8dp"
```

Archivo - activity_main.xml

```
126        android:layout_marginTop="8dp"
127        android:layout_marginEnd="8dp"
128        android:layout_marginBottom="8dp"
129        android:fontFamily="@font/roboto_bold"
130        android:text="Lorem ipsum dolor sit amet, consectetur\nNulla lobortis ac arcu vitae
aliquam.\nCras feugiat, est quis volutpat interdum\nholia comer te va picante\nholia pepe
aguante boquita"
131        android:textAlignment="center"
132        android:visibility="gone"
133        app:layout_constraintBottom_toBottomOf="parent"
134        app:layout_constraintEnd_toEndOf="parent"
135        app:layout_constraintStart_toStartOf="parent"
136        app:layout_constraintTop_toTopOf="parent"
137        app:layout_constraintVertical_bias="0.931" />
138
139 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.recyclerview.widget.RecyclerView
9         android:id="@+id/commandsRecyclerView"
10        android:layout_width="match_parent"
11        android:layout_height="match_parent"
12        app:layout_behavior="@string/appbar_scrolling_view_behavior"
13        android:clipToPadding="false"
14        android:paddingBottom="8dp"
15        android:scrollbarStyle="outsideOverlay"
16        app:layout_constraintBottom_toBottomOf="parent"
17        app:layout_constraintStart_toStartOf="parent"
18        app:layout_constraintTop_toBottomOf="@+id/toolbar"
19        app:layout_constraintVertical_bias="0.0"
20        android:paddingTop="?attr actionBarSize" />
21
22
23     <androidx.appcompat.widget.Toolbar
24         android:id="@+id/toolbar"
25         android:layout_width="0dp"
26         android:layout_height="57dp"
27         android:background="@color/toolBarColor"
28         app:titleTextColor="@color/colorPrimary"
29         android:minHeight="?attr actionBarSize"
30         android:outlineAmbientShadowColor="@android:color/background_light"
31         android:outlineSpotShadowColor="@android:color/background_light"
32         android:theme="?attr actionBarTheme"
33         app:title="@string/commands_activity_title"
34         app:layout_constraintEnd_toEndOf="parent"
35         app:layout_constraintHorizontal_bias="0.0"
36         app:layout_constraintStart_toStartOf="parent"
37         app:layout_constraintTop_toTopOf="parent"
38         app:subtitleTextColor="@android:color/background_light"
39         app:titleTextAppearance="@style/toolBarTextAppearance"/>
40
41
42
43 </androidx.constraintlayout.widget.ConstraintLayout>
```

Archivo - contacts_layout.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        app:titleTextColor="@color/colorPrimary"
14        android:minHeight="?attr/actionBarSize"
15        android:outlineAmbientShadowColor="@android:color/background_light"
16        android:outlineSpotShadowColor="@android:color/background_light"
17        android:theme="?attr actionBarTheme"
18        app:title="@string/contacts_activity_title"
19        app:layout_constraintEnd_toEndOf="parent"
20        app:layout_constraintHorizontal_bias="0.0"
21        app:layout_constraintStart_toStartOf="parent"
22        app:layout_constraintTop_toTopOf="parent"
23        app:subtitleTextColor="@android:color/background_light"
24        app:titleTextAppearance="@style/toolBarTextAppearance"/>
25
26
27
28 </androidx.constraintlayout.widget.ConstraintLayout>
```

Archivo - settings_layout.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        android:minHeight="?attr/actionBarSize"
14        android:outlineAmbientShadowColor="@android:color/background_light"
15        android:outlineSpotShadowColor="@android:color/background_light"
16        android:theme="?attr actionBarTheme"
17        app:layout_constraintEnd_toEndOf="parent"
18        app:layout_constraintHorizontal_bias="0.0"
19        app:layout_constraintStart_toStartOf="parent"
20        app:layout_constraintTop_toTopOf="parent"
21        app:subtitleTextColor="@android:color/background_light"
22        app:title="@string/settings_activity_title"
23        app:titleTextColor="@color/colorPrimary"
24        app:titleTextAppearance="@style/toolBarTextAppearance"/>
25
26     <androidx.recyclerview.widget.RecyclerView
27         android:id="@+id/settingsRecyclerView"
28         android:layout_width="match_parent"
29         android:layout_height="600dp"
30         android:clipToPadding="false"
31         android:scrollbarStyle="outsideOverlay"
32         android:paddingBottom="8dp"
33         app:layout_constraintStart_toStartOf="parent"
34         app:layout_constraintTop_toBottomOf="@+id/toolbar" />
35
36 </androidx.constraintlayout.widget.ConstraintLayout>
37
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:clipToPadding="false">
8
9     <androidx.appcompat.widget.Toolbar
10        android:id="@+id/toolbar"
11        android:layout_width="0dp"
12        android:layout_height="57dp"
13        android:background="@color/toolBarColor"
14        android:minHeight="?attr/actionBarSize"
15        android:outlineAmbientShadowColor="@android:color/background_light"
16        android:outlineSpotShadowColor="@android:color/background_light"
17        android:theme="?attr actionBarTheme"
18        app:layout_constraintEnd_toEndOf="parent"
19        app:layout_constraintHorizontal_bias="0.0"
20        app:layout_constraintStart_toStartOf="parent"
21        app:layout_constraintTop_toTopOf="parent"
22        app:subtitleTextColor="@android:color/background_light"
23        app:title="@string/bluetooth_activity_title"
24        app:titleTextAppearance="@style/toolBarTextAppearance"
25        app:titleTextColor="@color/colorPrimary" />
26
27     <ImageView
28        android:id="@+id/imageView"
29        android:layout_width="0dp"
30        android:layout_height="418dp"
31        android:layout_marginBottom="8dp"
32        android:scaleType="fitXY"
33        app:layout_constraintBottom_toBottomOf="@+id/guideline4"
34        app:layout_constraintEnd_toEndOf="@+id/guideline2"
35        app:layout_constraintHorizontal_bias="0.0"
36        app:layout_constraintStart_toStartOf="@+id/guideline"
37        app:layout_constraintTop_toBottomOf="@+id/guideline3"
38        app:layout_constraintVertical_bias="0.012"
39        app:srcCompat="@drawable/bt_dialog" />
40
41
42     <ImageView
43        android:id="@+id/imgView_bluetoothConfig"
44        android:layout_width="320dp"
45        android:layout_height="78dp"
46        android:layout_marginBottom="24dp"
47        android:scaleType="fitXY"
48        app:layout_constraintBottom_toBottomOf="parent"
49        app:layout_constraintEnd_toEndOf="parent"
50        app:layout_constraintStart_toStartOf="parent"
51        app:layout_constraintTop_toBottomOf="@+id/imgView_bluetoothStatus"
52        app:layout_constraintVertical_bias="0.88"
53        app:srcCompat="@drawable/bt_button" />
54
55     <ImageView
56        android:id="@+id/imgView_bluetoothStatus"
57        android:layout_width="320dp"
58        android:layout_height="78dp"
59        android:scaleType="fitXY"
60        app:layout_constraintBottom_toBottomOf="parent"
61        app:layout_constraintEnd_toEndOf="parent"
62        app:layout_constraintHorizontal_bias="0.493"
```

```
63        app:layout_constraintStart_toStartOf="parent"
64        app:layout_constraintTop_toBottomOf="@+id/imageView"
65        app:layout_constraintVertical_bias="0.01"
66        app:srcCompat="@drawable/bt_button" />
67
68    <TextView
69        android:id="@+id/textView_btSearch"
70        android:layout_width="215dp"
71        android:layout_height="wrap_content"
72        android:text="@string/bluetooth_search_message"
73        android:textAlignment="center"
74        android:maxLines="1"
75        android:textAppearance="@style/btButtonTextAppearance"
76        app:layout_constraintBottom_toBottomOf="@+id/imgView_bluetoothConfig"
77        app:layout_constraintEnd_toEndOf="@+id/imgView_bluetoothConfig"
78        app:layout_constraintHorizontal_bias="0.27"
79        app:layout_constraintStart_toStartOf="@+id/imgView_bluetoothConfig"
80        app:layout_constraintTop_toTopOf="@+id/imgView_bluetoothConfig"
81        app:layout_constraintVertical_bias="0.4" />
82
83    <TextView
84        android:id="@+id/textView_btStatus"
85        android:layout_width="215dp"
86        android:layout_height="wrap_content"
87        android:maxLines="1"
88        android:textAlignment="center"
89        android:text="@string/system_disconnected_message"
90        android:textAppearance="@style/btButtonTextAppearance"
91        android:textColor="@android:color/background_light"
92        app:layout_constraintBottom_toBottomOf="@+id/imgView_bluetoothStatus"
93        app:layout_constraintEnd_toEndOf="@+id/imgView_bluetoothStatus"
94        app:layout_constraintHorizontal_bias="0.26"
95        app:layout_constraintStart_toStartOf="@+id/imgView_bluetoothStatus"
96        app:layout_constraintTop_toTopOf="@+id/imgView_bluetoothStatus"
97        app:layout_constraintVertical_bias="0.422" />
98
99    <TextView
100        android:id="@+id/textView_btDialog"
101        android:layout_width="wrap_content"
102        android:layout_height="wrap_content"
103        android:text="Dispositivos disponibles"
104        android:textAppearance="@style/btDialogTextAppearance"
105        app:layout_constraintBottom_toBottomOf="@+id/imageView"
106        app:layout_constraintEnd_toEndOf="@+id/imageView"
107        app:layout_constraintHorizontal_bias="0.5"
108        app:layout_constraintStart_toStartOf="@+id/imageView"
109        app:layout_constraintTop_toTopOf="@+id/imageView"
110        app:layout_constraintVertical_bias="0.040" />
111
112    <ImageButton
113        android:id="@+id/imgBtn_btConfig"
114        android:layout_width="30dp"
115        android:layout_height="30dp"
116        android:background="?attr/selectableItemBackground"
117        android:onClick="configBtn_onClick"
118        android:scaleType="fitXY"
119        android:tint="@color/colorPrimary"
120        app:layout_constraintBottom_toTopOf="@+id/imageView"
121        app:layout_constraintEnd_toEndOf="@+id/toolbar"
122        app:layout_constraintHorizontal_bias="0.94"
123        app:layout_constraintStart_toStartOf="@+id/toolbar"
124        app:layout_constraintTop_toTopOf="@+id/toolbar"
125        app:layout_constraintVertical_bias="0.5"
```

```
126        app:srcCompat="@drawable/ic_config_icon" />
127
128    <ImageView
129        android:id="@+id/imgView_btStatusIcon"
130        android:layout_width="35dp"
131        android:layout_height="35dp"
132        android:layout_marginBottom="8dp"
133        android:scaleType="fitXY"
134        android:tint="@android:color/background_light"
135        app:layout_constraintBottom_toBottomOf="@+id/imgView_bluetoothStatus"
136        app:layout_constraintEnd_toEndOf="@+id/imgView_bluetoothStatus"
137        app:layout_constraintHorizontal_bias="0.934"
138        app:layout_constraintStart_toStartOf="@+id/imgView_bluetoothStatus"
139        app:layout_constraintTop_toTopOf="@+id/imgView_bluetoothStatus"
140        app:srcCompat="@drawable/ic_close_icon"
141
142    />
143
144    <androidx.recyclerview.widget.RecyclerView
145        android:id="@+id/deviceListRecyclerView"
146        android:layout_width="0dp"
147        android:layout_height="0dp"
148        android:clipToPadding="false"
149        android:scrollbarStyle="outsideOverlay"
150        app:layout_constraintBottom_toBottomOf="@+id/bluetoothList_BottomGuideLine"
151        app:layout_constraintEnd_toEndOf="@+id/bluetoothList_EndGuideLine"
152        app:layout_constraintStart_toStartOf="@+id/bluetoothList_StartGuideLine"
153        app:layout_constraintTop_toTopOf="@+id/bluetoothList_TopGuideLine"
154    />
155
156    <ImageView
157        android:id="@+id/imgView_btDiscovery"
158        android:layout_width="30dp"
159        android:layout_height="30dp"
160        android:scaleType="fitXY"
161        android:tint="@android:color/background_light"
162        app:layout_constraintBottom_toBottomOf="@+id/imgView_bluetoothConfig"
163        app:layout_constraintEnd_toEndOf="@+id/imgView_bluetoothConfig"
164        app:layout_constraintHorizontal_bias="0.925"
165        app:layout_constraintStart_toStartOf="@+id/imgView_bluetoothConfig"
166        app:layout_constraintTop_toTopOf="@+id/imgView_bluetoothConfig"
167        app:layout_constraintVertical_bias="0.42"
168        app:srcCompat="@drawable/ic_bluetooth_searching" />
169
170    <ProgressBar
171        android:id="@+id/loading_progressBar"
172        style="?android:attr/progressBarStyle"
173        android:layout_width="26dp"
174        android:layout_height="26dp"
175        android:scaleType="fitXY"
176
177        android:visibility="gone"
178        app:layout_constraintBottom_toBottomOf="@+id/imgView_bluetoothStatus"
179
180        app:layout_constraintEnd_toEndOf="@+id/imgView_bluetoothStatus"
181        app:layout_constraintHorizontal_bias="0.919"
182        app:layout_constraintStart_toStartOf="@+id/imgView_bluetoothStatus"
183        app:layout_constraintTop_toTopOf="@+id/imgView_bluetoothStatus"
184        app:layout_constraintVertical_bias="0.43" />
185
186    <androidx.constraintlayout.widget.Guideline
187        android:id="@+id/guideline"
188        android:layout_width="wrap_content"
```

```
189     android:layout_height="wrap_content"
190     android:orientation="vertical"
191     app:layout_constraintGuide_percent="0.02" />
192
193     <androidx.constraintlayout.widget.Guideline
194         android:id="@+id/bluetoothList_StartGuideLine"
195         android:layout_width="wrap_content"
196         android:layout_height="wrap_content"
197         android:orientation="vertical"
198         app:layout_constraintGuide_percent="0.12" />
199
200     <androidx.constraintlayout.widget.Guideline
201         android:id="@+id/bluetoothList_EndGuideLine"
202         android:layout_width="wrap_content"
203         android:layout_height="wrap_content"
204         android:orientation="vertical"
205         app:layout_constraintGuide_percent="0.88" />
206
207     <androidx.constraintlayout.widget.Guideline
208         android:id="@+id/guideline2"
209         android:layout_width="wrap_content"
210         android:layout_height="wrap_content"
211         android:orientation="vertical"
212         app:layout_constraintGuide_percent="0.98055553" />
213
214     <androidx.constraintlayout.widget.Guideline
215         android:id="@+id/guideline3"
216         android:layout_width="wrap_content"
217         android:layout_height="wrap_content"
218         android:orientation="horizontal"
219         app:layout_constraintGuide_percent="0.1" />
220
221     <androidx.constraintlayout.widget.Guideline
222         android:id="@+id/bluetoothList_TopGuideLine"
223         android:layout_width="wrap_content"
224         android:layout_height="wrap_content"
225         android:orientation="horizontal"
226         app:layout_constraintGuide_percent="0.17" />
227
228     <androidx.constraintlayout.widget.Guideline
229         android:id="@+id/bluetoothList_BottomGuideLine"
230         android:layout_width="wrap_content"
231         android:layout_height="wrap_content"
232         android:orientation="horizontal"
233         app:layout_constraintGuide_percent="0.688" />
234
235     <androidx.constraintlayout.widget.Guideline
236         android:id="@+id/guideline4"
237         android:layout_width="wrap_content"
238         android:layout_height="wrap_content"
239         android:orientation="horizontal"
240         app:layout_constraintGuide_percent="0.74" />
241
242
243 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/relativeLayout"
6     android:layout_width="match_parent"
7     android:layout_height="90dp"
8     android:background="?android:attr/selectableItemBackground"
9     android:clickable="true"
10    android:focusable="true"
11    android:orientation="vertical"
12    android:paddingLeft="8dp"
13    android:paddingTop="8dp"
14    android:paddingRight="8dp"
15    android:paddingBottom="8dp">
16
17    <TextView
18        android:id="@+id/setting_title"
19        android:layout_width="250dp"
20        android:layout_height="wrap_content"
21        android:layout_marginTop="8dp"
22        android:layout_marginEnd="8dp"
23        android:fontFamily="@font/droid_sans_bold"
24        android:text="Lorem ipsum dolor"
25        android:textColor="@color/colorPrimary"
26        android:textSize="18sp"
27        android:textStyle="bold"
28        app:layout_constraintEnd_toEndOf="parent"
29        app:layout_constraintTop_toTopOf="parent"
30        tools:layout_conversion_wrapHeight="56"
31        tools:layout_conversion_wrapWidth="788" />
32
33    <TextView
34        android:id="@+id/setting_subtitle"
35        android:layout_width="250dp"
36        android:layout_height="wrap_content"
37        android:layout_marginEnd="8dp"
38        android:fontFamily="@font/droid_sans"
39        android:lines="2"
40        android:maxLines="2"
41        android:text="Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do
 eiusmod tempor incididunt ut labore et dolore magna aliqua. "
42        app:layout_constraintEnd_toEndOf="parent"
43        app:layout_constraintTop_toBottomOf="@+id/setting_title"
44        tools:layout_conversion_wrapHeight="94"
45        tools:layout_conversion_wrapWidth="788" />
46
47    <ImageView
48        android:id="@+id/setting_icon"
49        android:layout_width="50dp"
50        android:layout_height="50dp"
51        android:scaleType="fitXY"
52        app:layout_constraintBottom_toBottomOf="parent"
53        app:layout_constraintEnd_toStartOf="@+id/setting_title"
54        app:layout_constraintHorizontal_bias="0.5"
55        app:layout_constraintStart_toStartOf="parent"
56        app:layout_constraintTop_toTopOf="parent"
57        app:srcCompat="@drawable/ic_setting_contacts_and_communication"
58        tools:layout_conversion_wrapHeight="158"
59        tools:layout_conversion_wrapWidth="158" />
60
61 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        android:minHeight="?attr/actionBarSize"
14        android:outlineAmbientShadowColor="@android:color/background_light"
15        android:outlineSpotShadowColor="@android:color/background_light"
16        android:theme="?attr actionBarTheme"
17        app:layout_constraintEnd_toEndOf="parent"
18        app:layout_constraintHorizontal_bias="0.0"
19        app:layout_constraintStart_toStartOf="parent"
20        app:layout_constraintTop_toTopOf="parent"
21        app:subtitleTextColor="@android:color/background_light"
22        app:title="@string/information_help_title"
23        app:titleTextAppearance="@style/toolBarTextAppearance"
24        app:titleTextColor="@color/colorPrimary" />
25
26
27
28 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8
9
10    <androidx.appcompat.widget.Toolbar
11        android:id="@+id/toolbar"
12        android:layout_width="0dp"
13        android:layout_height="57dp"
14        android:background="@color/toolBarColor"
15        android:minHeight="?attr/actionBarSize"
16        android:outlineAmbientShadowColor="@android:color/background_light"
17        android:outlineSpotShadowColor="@android:color/background_light"
18        android:theme="?attr/actionBarTheme"
19        app:title="@string/commands_settings_title"
20        app:layout_constraintEnd_toEndOf="parent"
21        app:layout_constraintHorizontal_bias="0.0"
22        app:layout_constraintStart_toStartOf="parent"
23        app:layout_constraintTop_toTopOf="parent"
24        app:subtitleTextColor="@android:color/background_light"
25        app:titleTextColor="@color/colorPrimary"
26        app:titleTextAppearance="@style/toolBarTextAppearance"/>
27
28
29
30
31 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:orientation="vertical">
8
9
10    <androidx.appcompat.widget.Toolbar
11        android:id="@+id/toolbar"
12        android:layout_width="match_parent"
13        android:layout_height="wrap_content"
14        android:background="@color/toolBarColor"
15        android:minHeight="?attr/actionBarSize"
16        android:outlineAmbientShadowColor="@android:color/background_light"
17        android:outlineSpotShadowColor="@android:color/background_light"
18        android:theme="?attr actionBarTheme"
19        app:layout_constraintEnd_toEndOf="parent"
20        app:layout_constraintHorizontal_bias="0.0"
21        app:layout_constraintStart_toStartOf="parent"
22        app:layout_constraintTop_toTopOf="parent"
23        app:subtitleTextColor="@android:color/background_light"
24        app:title="@string/developer_console_activity_title"
25        app:titleTextAppearance="@style/toolBarTextAppearance"
26        app:titleTextColor="@color/colorPrimary">
27
28
29
30    </androidx.appcompat.widget.Toolbar>
31
32    <ImageButton
33        android:id="@+id/clearTerminalButton"
34        android:layout_width="45dp"
35        android:layout_height="45dp"
36        android:background="?attr/selectableItemBackground"
37        android:onClick="onClickClearButton"
38
39        android:scaleType="centerInside"
40        app:layout_constraintHorizontal_bias="0.96"
41        app:layout_constraintVertical_bias="0.01"
42
43        app:layout_constraintBottom_toBottomOf="parent"
44        app:layout_constraintEnd_toEndOf="parent"
45        app:layout_constraintStart_toStartOf="parent"
46        app:layout_constraintTop_toTopOf="parent"
47
48        app:srcCompat="@drawable/ic_delete_sweep_24px" />
49
50    <androidx.constraintlayout.widget.ConstraintLayout
51        android:id="@+id/main_area"
52        android:layout_width="0dp"
53        android:layout_height="0dp"
54        android:layout_marginLeft="8dp"
55        android:layout_marginRight="8dp"
56        app:layout_constraintBottom_toBottomOf="parent"
57        app:layout_constraintLeft_toLeftOf="parent"
58        app:layout_constraintRight_toRightOf="parent"
59        app:layout_constraintTop_toBottomOf="@+id/toolbar">
60
61        <ScrollView
62            android:id="@+id/scrollViewTerminal"
```

```
63         android:layout_width="match_parent"
64         android:layout_height="0dp"
65         app:layout_constraintBottom_toTopOf="@+id/editTextTerminal"
66         app:layout_constraintLeft_toLeftOf="parent"
67         app:layout_constraintRight_toRightOf="parent"
68         app:layout_constraintTop_toTopOf="parent"
69         android:fastScrollEnabled="true"
70         android:fastScrollAlwaysVisible="true"
71         android:fadeScrollbars="false">
72
73     <LinearLayout
74         android:id="@+id/terminalLinearLayout"
75         android:layout_width="match_parent"
76         android:layout_height="wrap_content"
77         android:orientation="vertical" />
78 </ScrollView>
79
80 <EditText
81     android:id="@+id/editTextTerminal"
82     android:layout_width="0dp"
83     android:layout_height="50dp"
84     android:ems="10"
85
86     android:fontFamily="@font/roboto_mono"
87
88
89     android:hint="Comando"
90     android:inputType="textPersonName"
91     app:layout_constraintBottom_toBottomOf="parent"
92     app:layout_constraintHorizontal_bias="0.0"
93
94
95     app:layout_constraintHorizontal_weight="8"
96     app:layout_constraintLeft_toLeftOf="parent"
97     app:layout_constraintRight_toLeftOf="@+id/enterButton"
98     app:layout_constraintTop_toBottomOf="@+id/scrollViewTerminal" />
99
100 <ImageButton
101     android:id="@+id/enterButton"
102     android:layout_width="0dp"
103     android:layout_height="50dp"
104     android:background="?attr/selectableItemBackground"
105     android:onClick="onClickEnterButton"
106     android:scaleType="centerInside"
107
108     app:layout_constraintBottom_toBottomOf="parent"
109     app:layout_constraintHorizontal_weight="2"
110     app:layout_constraintLeft_toRightOf="@+id/editTextTerminal"
111     app:layout_constraintRight_toRightOf="parent"
112     app:layout_constraintTop_toBottomOf="@+id/scrollViewTerminal"
113     app:srcCompat="@drawable/ic_subdirectory_arrow_left_24px" />
114
115 </androidx.constraintlayout.widget.ConstraintLayout>
116
117
118
119
120
121 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        android:minHeight="?attr/actionBarSize"
14        android:outlineAmbientShadowColor="@android:color/background_light"
15        android:outlineSpotShadowColor="@android:color/background_light"
16        android:theme="?attr actionBarTheme"
17        app:layout_constraintEnd_toEndOf="parent"
18        app:layout_constraintHorizontal_bias="0.0"
19        app:layout_constraintStart_toStartOf="parent"
20        app:layout_constraintTop_toTopOf="parent"
21        app:subtitleTextColor="@android:color/background_light"
22        app:title="@string/bluetooth_settings_title"
23        app:titleTextColor="@color/colorPrimary"
24        app:titleTextAppearance="@style/toolBarTextAppearance"/>
25
26
27
28 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/relativeLayout"
6     android:layout_width="wrap_content"
7     android:layout_height="wrap_content"
8     android:background="?android:attr/selectableItemBackground"
9     android:clickable="true"
10    android:focusable="true"
11    android:orientation="vertical"
12    android:paddingLeft="8dp"
13    android:paddingTop="8dp"
14    android:paddingRight="8dp"
15    android:paddingBottom="8dp">
16
17    <TextView
18        android:id="@+id/textView_bluetooth_device_name"
19        android:layout_width="wrap_content"
20        android:layout_height="0dp"
21        android:layout_marginStart="8dp"
22        android:layout_marginTop="2dp"
23        android:layout_marginEnd="8dp"
24        android:text="Lorem ipsum dolor"
25        android:textAppearance="@style/btDeviceListAppearance"
26        android:textColor="@color/colorPrimary"
27        app:layout_constraintEnd_toEndOf="parent"
28        app:layout_constraintHorizontal_bias="0.03"
29        app:layout_constraintStart_toStartOf="parent"
30        app:layout_constraintTop_toTopOf="parent"
31        tools:layout_conversion_wrapHeight="56"
32        tools:layout_conversion_wrapWidth="788" />
33
34    <ImageView
35        android:id="@+id/imageView_bluetooth_device_state_icon"
36        android:layout_width="25dp"
37        android:layout_height="25dp"
38        android:layout_marginStart="215dp"
39        android:scaleType="fitXY"
40        android:tint="@color/colorPrimary"
41        app:layout_constraintStart_toStartOf="parent"
42        app:layout_constraintTop_toTopOf="parent"
43        app:srcCompat="@drawable/ic_close_icon" />
44
45 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        android:minHeight="?attr/actionBarSize"
14        android:outlineAmbientShadowColor="@android:color/background_light"
15        android:outlineSpotShadowColor="@android:color/background_light"
16        android:theme="?attr actionBarTheme"
17        app:layout_constraintEnd_toEndOf="parent"
18        app:layout_constraintHorizontal_bias="0.0"
19        app:layout_constraintStart_toStartOf="parent"
20        app:layout_constraintTop_toTopOf="parent"
21        app:subtitleTextColor="@android:color/background_light"
22        app:title="@string/internet_connectivity_title"
23        app:titleTextAppearance="@style/toolBarTextAppearance"
24        app:titleTextColor="@color/colorPrimary" />
25
26
27
28 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        android:minHeight="?attr/actionBarSize"
14        android:outlineAmbientShadowColor="@android:color/background_light"
15        android:outlineSpotShadowColor="@android:color/background_light"
16        android:theme="?attr actionBarTheme"
17        app:title="@string/contacts_communication_title"
18        app:layout_constraintEnd_toEndOf="parent"
19        app:layout_constraintHorizontal_bias="0.0"
20        app:layout_constraintStart_toStartOf="parent"
21        app:layout_constraintTop_toTopOf="parent"
22        app:subtitleTextColor="@android:color/background_light"
23        app:titleTextColor="@color/colorPrimary"
24        app:titleTextAppearance="@style/toolBarTextAppearance"/>
25
26
27
28 </androidx.constraintlayout.widget.ConstraintLayout>
```

Archivo - appearance_miscellaneous_layout.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        android:minHeight="?attr/actionBarSize"
14        android:outlineAmbientShadowColor="@android:color/background_light"
15        android:outlineSpotShadowColor="@android:color/background_light"
16        android:theme="?attr actionBarTheme"
17        app:layout_constraintEnd_toEndOf="parent"
18        app:layout_constraintHorizontal_bias="0.0"
19        app:layout_constraintStart_toStartOf="parent"
20        app:layout_constraintTop_toTopOf="parent"
21        app:subtitleTextColor="@android:color/background_light"
22        app:title="@string/appearance_miscellaneous_title"
23        app:titleTextColor="@color/colorPrimary"
24        app:titleTextAppearance="@style/toolBarTextAppearance"/>
25
26
27
28 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/relativeLayout"
6     android:layout_width="match_parent"
7     android:layout_height="60dp"
8     android:background="?android:attr/selectableItemBackground"
9     android:clickable="true"
10    android:focusable="true"
11    android:orientation="vertical"
12    android:paddingLeft="4dp"
13    android:paddingTop="4dp"
14    android:paddingRight="4dp"
15    android:paddingBottom="4dp">
16
17    <TextView
18        android:id="@+id/command_state_textView"
19        android:layout_width="60dp"
20        android:layout_height="wrap_content"
21        android:fontFamily="@font/roboto"
22        android:text="Encendido"
23        android:textAlignment="center"
24        android:textColor="@color/colorPrimary"
25        android:textSize="9sp"
26        app:layout_constraintBottom_toBottomOf="parent"
27        app:layout_constraintStart_toEndOf="@+id/guideline10"
28        app:layout_constraintTop_toTopOf="parent"
29        app:layout_constraintVertical_bias="1.0" />
30
31    <TextView
32        android:id="@+id/command_title_textView"
33        android:layout_width="wrap_content"
34        android:layout_height="wrap_content"
35        android:layout_marginStart="8dp"
36        android:layout_marginEnd="8dp"
37        android:fontFamily="@font/roboto"
38        android:text="Velador numero 3"
39        android:textColor="@color/colorPrimary"
40        android:textSize="18sp"
41        app:layout_constraintBottom_toBottomOf="parent"
42        app:layout_constraintEnd_toStartOf="@+id/arrow_list_imageButton"
43        app:layout_constraintHorizontal_bias="0.0"
44        app:layout_constraintStart_toEndOf="@+id/command_icon"
45        app:layout_constraintTop_toTopOf="parent"
46        app:layout_constraintVertical_bias="0.514"
47        tools:layout_conversion_wrapHeight="56"
48        tools:layout_conversion_wrapWidth="788" />
49
50    <ImageView
51        android:id="@+id/command_icon"
52        android:layout_width="45dp"
53        android:layout_height="45dp"
54        android:scaleType="fitXY"
55        android:tint="@color/colorPrimary"
56        app:layout_constraintBottom_toBottomOf="parent"
57        app:layout_constraintStart_toEndOf="@+id/guideline_main"
58        app:layout_constraintTop_toTopOf="parent"
59        app:layout_constraintVertical_bias="0.5"
60        app:srcCompat="@drawable/icons_board" />
61
62    <ProgressBar
```

```
63        android:id="@+id/command_state_progressBar"
64        style="?android:progressBarStyleHorizontal"
65        android:layout_width="30dp"
66        android:layout_height="30dp"
67        android:indeterminate="false"
68        android:progress="0"
69        android:max="100"
70        android:secondaryProgress="0"
71        android:tint="@color/colorPrimary"
72        android:rotation="270"
73        app:layout_constraintBottom_toBottomOf="parent"
74        app:layout_constraintStart_toEndOf="@+id/guideline7"
75        app:layout_constraintTop_toTopOf="parent"
76        app:layout_constraintVertical_bias="0.5"
77        android:progressDrawable="@drawable/progressbar_onboarding_view"
78        android:layout_gravity="center"/>
79
80    <androidx.constraintlayout.widget.Guideline
81        android:id="@+id/guideline_main"
82        android:layout_width="wrap_content"
83        android:layout_height="wrap_content"
84        android:orientation="vertical"
85        app:layout_constraintGuide_percent="0.15" />
86
87    <androidx.constraintlayout.widget.Guideline
88        android:id="@+id/guideline7"
89        android:layout_width="wrap_content"
90        android:layout_height="wrap_content"
91        android:orientation="vertical"
92        app:layout_constraintGuide_percent="0.88" />
93
94    <androidx.constraintlayout.widget.Guideline
95        android:id="@+id/guideline10"
96        android:layout_width="wrap_content"
97        android:layout_height="wrap_content"
98        android:orientation="vertical"
99        app:layout_constraintGuide_percent="0.8375" />
100
101   <ImageButton
102       android:id="@+id/arrow_list_imageButton"
103       android:layout_width="35dp"
104       android:layout_height="35dp"
105       android:background="?attr/selectableItemBackground"
106       android:scaleType="fitXY"
107       android:tint="@color/colorPrimary"
108       android:visibility="gone"
109       app:layout_constraintBottom_toBottomOf="parent"
110       app:layout_constraintStart_toEndOf="@+id/guideline7"
111       app:layout_constraintTop_toTopOf="parent"
112       app:layout_constraintVertical_bias="0.5"
113       app:srcCompat="@drawable/icons_upward_arrow" />
114
115
116 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/relativeLayout"
6     android:layout_width="match_parent"
7     android:layout_height="55dp"
8     android:background="?android:attr/selectableItemBackground"
9     android:clickable="true"
10    android:focusable="true"
11    android:orientation="vertical"
12    android:paddingLeft="8dp"
13    android:paddingTop="8dp"
14    android:paddingRight="8dp"
15    android:paddingBottom="8dp">
16
17    <TextView
18        android:id="@+id/parent_board_title_TextView"
19        android:layout_width="wrap_content"
20        android:layout_height="wrap_content"
21        android:fontFamily="@font/roboto"
22        android:text="Placa de mandos motrices"
23        android:textColor="@color/colorPrimary"
24        android:textSize="18sp"
25        app:layout_constraintBottom_toBottomOf="parent"
26        app:layout_constraintStart_toEndOf="@+id/guideline6"
27        app:layout_constraintTop_toTopOf="parent"
28        app:layout_constraintVertical_bias="0.5"
29        tools:layout_conversion_wrapHeight="56"
30        tools:layout_conversion_wrapWidth="788" />
31
32    <ImageView
33        android:id="@+id/parent_board_icon_ImageView"
34        android:layout_width="40dp"
35        android:layout_height="40dp"
36        android:scaleType="fitXY"
37        android:tint="@color/colorPrimary"
38        app:layout_constraintBottom_toBottomOf="parent"
39        app:layout_constraintStart_toEndOf="@+id/guideline_main"
40        app:layout_constraintTop_toTopOf="parent"
41        app:layout_constraintVertical_bias="0.5"
42        app:srcCompat="@drawable/icons_board" />
43
44    <androidx.constraintlayout.widget.Guideline
45        android:id="@+id/guideline_main"
46        android:layout_width="wrap_content"
47        android:layout_height="wrap_content"
48        android:orientation="vertical"
49        app:layout_constraintGuide_percent="0.04" />
50
51    <androidx.constraintlayout.widget.Guideline
52        android:id="@+id/guideline6"
53        android:layout_width="wrap_content"
54        android:layout_height="wrap_content"
55        android:orientation="vertical"
56        app:layout_constraintGuide_percent="0.17" />
57
58    <androidx.constraintlayout.widget.Guideline
59        android:id="@+id/guideline8"
60        android:layout_width="wrap_content"
61        android:layout_height="wrap_content"
62        android:orientation="vertical"
```

```
63     app:layout_constraintGuide_percent="0.90" />
64
65 <ImageButton
66     android:id="@+id/arrow_list_imageButton"
67     android:layout_width="35dp"
68     android:layout_height="35dp"
69     android:background="?attr/selectableItemBackground"
70     android:scaleType="fitXY"
71     android:tint="@color/colorPrimary"
72     app:layout_constraintBottom_toBottomOf="parent"
73     app:layout_constraintStart_toEndOf="@+id/guideline8"
74     app:layout_constraintTop_toTopOf="parent"
75     app:layout_constraintVertical_bias="0.5"
76     app:srcCompat="@drawable/icons_upward_arrow" />
77
78
79 </androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com
 /apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent">
7
8     <androidx.appcompat.widget.Toolbar
9         android:id="@+id/toolbar"
10        android:layout_width="0dp"
11        android:layout_height="57dp"
12        android:background="@color/toolBarColor"
13        app:titleTextColor="@color/colorPrimary"
14        android:minHeight="?attr/actionBarSize"
15        android:outlineAmbientShadowColor="@android:color/background_light"
16        android:outlineSpotShadowColor="@android:color/background_light"
17        android:theme="?attr actionBarTheme"
18        app:title="@string/voice_recognition_settings_title"
19        app:layout_constraintEnd_toEndOf="parent"
20        app:layout_constraintHorizontal_bias="0.0"
21        app:layout_constraintStart_toStartOf="parent"
22        app:layout_constraintTop_toTopOf="parent"
23        app:subtitleTextColor="@android:color/background_light"
24        app:titleTextAppearance="@style/toolBarTextAppearance"/>
25
26     <Button
27         android:id="@+id/set_voice_btn"
28         android:layout_width="172dp"
29         android:layout_height="53dp"
30         android:layout_marginStart="8dp"
31         android:layout_marginTop="180dp"
32         android:layout_marginEnd="8dp"
33         android:layout_marginBottom="8dp"
34         android:onClick="setVoiceOnClick"
35         android:text="CAMBIAR VOZ"
36         app:layout_constraintBottom_toBottomOf="parent"
37         app:layout_constraintEnd_toEndOf="parent"
38         app:layout_constraintStart_toStartOf="parent"
39         app:layout_constraintTop_toBottomOf="@+id/toolbar"
40         app:layout_constraintVertical_bias="0.349" />
41
42     <Button
43         android:id="@+id/speech_test_btn"
44         android:layout_width="172dp"
45         android:layout_height="53dp"
46         android:layout_marginStart="8dp"
47         android:layout_marginTop="180dp"
48         android:layout_marginEnd="8dp"
49         android:layout_marginBottom="8dp"
50         android:onClick="speechTestOnClick"
51         android:text="PRUEBA"
52         app:layout_constraintBottom_toBottomOf="parent"
53         app:layout_constraintEnd_toEndOf="parent"
54         app:layout_constraintStart_toStartOf="parent"
55         app:layout_constraintTop_toBottomOf="@+id/toolbar"
56         app:layout_constraintVertical_bias="0.057" />
57
58     <EditText
59         android:id="@+id/phrase_editText"
60         android:layout_width="wrap_content"
61         android:layout_height="wrap_content"
62         android:layout_marginStart="8dp"
```

```
63      android:layout_marginTop="52dp"
64      android:layout_marginEnd="8dp"
65      android:layout_marginBottom="8dp"
66      android:ems="10"
67      android:inputType="textPersonName"
68      android:shadowColor="@color/colorPrimary"
69      android:text="Frase"
70      app:layout_constraintBottom_toBottomOf="parent"
71      app:layout_constraintEnd_toEndOf="parent"
72      app:layout_constraintHorizontal_bias="0.503"
73      app:layout_constraintStart_toStartOf="parent"
74      app:layout_constraintTop_toBottomOf="@+id/toolbar"
75      app:layout_constraintVertical_bias="0.08" />
76
77 <ProgressBar
78     android:id="@+id/progressBar"
79     style="?android:attr/progressBarStyle"
80     android:layout_width="wrap_content"
81     android:layout_height="wrap_content"
82     android:layout_marginStart="8dp"
83     android:layout_marginTop="444dp"
84     android:layout_marginEnd="8dp"
85     android:layout_marginBottom="8dp"
86     app:layout_constraintBottom_toBottomOf="parent"
87     app:layout_constraintEnd_toEndOf="parent"
88     app:layout_constraintStart_toStartOf="parent"
89     app:layout_constraintTop_toBottomOf="@+id/toolbar"
90     app:layout_constraintVertical_bias="0.0" />
91
92
93 </androidx.constraintlayout.widget.ConstraintLayout>
```