Rapport de stage

Période : 3 juin 2024 - 5 juillet 2024

Entreprise: Thread Systèmes

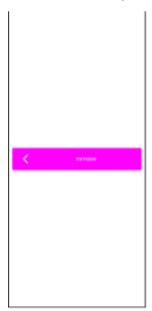
Mission : Optimisation des écrans Android

Durant ma période de stage du 3 juin 2024 au 5 juillet 2024 à [], j'ai appris comment fonctionne Android Studio afin d'optimiser des écrans fournis par mon tuteur. Mon objectif était de comprendre et d'utiliser les outils et fonctionnalités d'Android Studio pour améliorer la performance, l'interface utilisateur et l'expérience utilisateur des écrans de l'application.

Pour accomplir cette tâche, j'ai dû apprendre un nouveau langage de programmation. Pour m'y aider, j'ai regardé des vidéos sur YouTube et consulté divers forums en ligne. Je me suis également entraîné en recherchant des interfaces sur Google et, à partir des images trouvées, j'ai essayé de reproduire chaque écran.

Voici les différe	ent écran que j'ai reproduis :
[IN	MAGES]
voici una dámo	onstration d'une utilisation basique d' android studio l'utilisation de
Android Studio	

Les écrans dont j'ai été chargé:



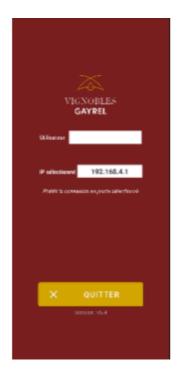






j' ai réalisé des optimisation au niveau des couleurs et de l'organisation des éléments afin de le rendre plus moderne j' ai réalisé 2 propositions différente sur le 4eme écran car les autres étaient déjà bien organisé:









```
xmlns:android="http://schemas.android.
com/apk/res/android"
                                              android:gravity="center vertical"
xmlns:app="http://schemas.android.com/
                                              android:textSize="18sp"
apk/res-auto"
                                              android:textStyle="bold"
xmlns:tools="http://schemas.android.co
                                              android:textColor="#212121"
m/tools"
  android:layout width="match parent"
                                              android:layout marginEnd="16dp" />
android:layout_height="match_parent"
  android:background="#7A1F1F"
                                                             <RadioButton
tools:context=".ControllePosteActivity
                                              android:id="@+id/but emis"
                                              style="@style/Widget.MaterialComponent
   <FrameLayout</pre>
                                              s.CompoundButton.RadioButton"
android:layout width="match parent"
                                              android:layout width="wrap content"
android:layout height="match parent"
                                              android:layout height="wrap content"
                                                                 android:text="E" />
       android:layout margin="10dp"
app:layout constraintTop toTopOf="pare
                                                             <RadioButton
nt"
                                              android:id="@+id/but recep"
app:layout constraintBottom toBottomOf
="parent"
                                              style="@style/Widget.MaterialComponent
                                              s.CompoundButton.RadioButton"
app:layout constraintStart toStartOf="
parent"
                                              android:layout width="wrap content"
app:layout constraintEnd toEndOf="pare
                                              android:layout height="wrap content"
                                                                 android:text="R"
                                              android:layout marginStart="8dp" />
       <LinearLayout
android:layout width="match parent"
                                                             <TextView
android:layout height="wrap content"
                                              android:id="@+id/Board Role"
           android:gravity="center"
                                              android:layout width="wrap content"
android:orientation="vertical"
                                              android:layout height="wrap content"
tools:context=".ControllePosteActivity
                                              android:gravity="center"
                                              android:text="Inconnu"
           <Space
                                              android:textSize="18sp"
android:layout width="match parent"
                                              android:textStyle="bold"
android:layout height="16dp" />
           <LinearLayout
                                              android:textColor="#212121"
android:layout width="wrap content"
                                              android:layout marginStart="16dp" />
                                                         </LinearLayout>
android:layout height="wrap content"
                                                         <Space
android:orientation="horizontal">
                                              android:layout width="match parent"
               <TextView
                                              android:layout height="16dp" />
android:id="@+id/board adr"
                                                         <TextView
android:layout width="wrap content"
                                              android:id="@+id/board name"
android:layout height="wrap content"
```

```
android:layout width="match parent"
                                              android:layout width="364dp"
android:layout height="wrap content"
                                              android:layout height="wrap content"
android:background="#FFFFFF"
                                              android:orientation="horizontal">
               android:padding="8dp"
                                                             <Button
android:gravity="center"
                                              android:id="@+id/but starta"
android:text="@string/pas_de_nom"
                                              android:layout width="0dp"
android:textColor="#FF55FF"
               android:textSize="18sp"
                                              android:layout height="wrap content"
android:textStyle="bold"
                                              android:layout margin="8dp"
               android:elevation="4dp"
                                              android:layout weight="1"
/>
                                              android:backgroundTint="#EFC42C"
           <Space
                                              android:text="@string/alim"
android:layout width="match parent"
android:layout height="8dp" />
                                              android:textColor="#fff"
                                              android:textSize="20sp" />
           <TextView
android:id="@+id/board_state_dis"
                                                             <Button
android:layout width="match parent"
                                              android:id="@+id/but stopa"
android:layout height="wrap content"
                                              android:layout width="0dp"
android:background="#FFFFFF"
                                              android:layout height="wrap content"
               android:padding="8dp"
                                              android:layout_margin="8dp"
android:gravity="center"
                                              android:layout weight="1"
android:text="@string/idle"
                                              android:backgroundTint="#EFC42C"
android:textColor="#EF6C00"
               android:textSize="18sp"
                                              android:text="@string/stop"
android:textStyle="bold"
                                              android:textColor="#fff"
               android:elevation="4dp"
                                              android:textSize="20sp" />
           <Button
android:id="@+id/but lockui"
                                                             <But.t.on
android:layout width="190dp"
                                              android:id="@+id/but wrtadr"
android:layout height="wrap content"
                                              android:layout width="0dp"
android:layout margin="8dp"
                                              android:layout height="wrap content"
android:layout weight="1"
                                              android:layout margin="8dp"
android:backgroundTint="#EFC42C"
                                              android:layout weight="1"
               android:text="Clavier
vérouillé"
                                              android:backgroundTint="#EFC42C"
android:textColor="#fff"
                                              android:text="@string/flash"
                                              android:textColor="#fff" />
android:textScaleX="1.2"
                                                         </LinearLayout>
android:textStyle="bold" />
           <LinearLayout
                                                         <LinearLayout
```

```
android:layout width="match parent"
                                              android:layout width="match parent"
android:layout height="match parent"
                                              android:layout height="8dp" />
android:orientation="horizontal">
                                                         <TableLayout
                                              android:layout_width="match_parent"
               <Button
android:id="@+id/but startdis"
                                              android:layout height="wrap content"
android:layout width="0dp"
                                              android:layout marginTop="16dp"
android:layout height="wrap content"
                                              android:layout marginBottom="16dp"
android:layout margin="8dp"
                                              android:foregroundGravity="center"
android:layout weight="1"
                                              android:gravity="center"
android:backgroundTint="#EFC42C"
                                              android:orientation="horizontal"
android:text="@string/dist"
                                              android:theme="@style/Platform.Materia
                                              lComponents.Light">
android:textColor="#fff"
                                                             <TextView
                                              android:id="@+id/Debit"
android:textSize="20sp" />
               <Button
                                              android:layout_width="wrap_content"
android:id="@+id/but stopdis"
                                              android:layout height="wrap content"
                                              android:background="@android:drawable/
android:layout width="0dp"
                                              editbox dropdown light frame"
android:layout height="wrap content"
                                              android:text="Débit"
android:layout margin="8dp"
                                              android:gravity="center"
android:layout weight="1"
                                              android:textColor="@android:color/blac
android:backgroundTint="#EFC42C"
android:text="@string/stop"
                                             android:textSize="30sp" />
android:textColor="#fff"
                                                             <TableRow
android:textSize="20sp" />
                                              android:layout width="match parent"
               <But.t.on
android:id="@+id/but poste prog"
                                              android:layout height="wrap content"
android:layout width="0dp"
                                              android:gravity="left">
android:layout height="wrap content"
                                                                 <Switch
android:layout margin="8dp"
                                              android:id="@+id/radioPression"
android:layout_weight="1"
                                              android:layout width="wrap content"
android:backgroundTint="#EFC42C"
                                              android:layout height="wrap content"
android:text="Prog/Vers"
                                              android:text="@string/pression"
android:textColor="#fff"/>
                                              android:textColor="@android:color/blac
                                              android:textSize="18sp" />
           </LinearLayout>
           <Space
                                                                 <Switch
```

```
android:id="@+id/radioPompe"
                                              android:textSize="18sp" />
android:layout width="wrap content"
                                                                 <Switch
android:layout height="wrap content"
                                              android:id="@+id/radioPurge1"
android:text="Pompe"
                                              android:layout_width="wrap_content"
android:textColor="@android:color/blac
                                              android:layout height="wrap content"
                                              android:text="EV Purge"
android:textSize="18sp" />
                                              android:textColor="@android:color/blac
                   <Switch
                                              android:textSize="18sp" />
android:id="@+id/radioAlim"
                                                             </TableRow>
android:layout width="wrap content"
                                                             <TableRow
android:layout height="wrap content"
                                              android:layout_width="match_parent"
android:text="Alim Eau "
                                              android:layout height="wrap content"
android:textColor="@android:color/blac
                                              android:gravity="left">
k"
                                                                 <Switch
android:textSize="18sp"/>
                                              android:id="@+id/radioDistrib2"
               </TableRow>
                                              android:layout width="wrap content"
               <TableRow
                                              android:layout height="wrap content"
android:layout width="match parent"
                                              android:text="EV Peigne2"
android:layout height="wrap content"
                                              android:textColor="@android:color/blac
android:gravity="left">
                   <Switch
                                              android:textSize="18sp" />
android:id="@+id/radioDistrib1"
                                                                 <Switch
android:layout width="wrap content"
                                              android:id="@+id/radioInject2"
android:layout height="wrap content"
                                              android:layout width="wrap content"
android:text="EV Peigne1"
                                              android:layout height="wrap content"
android:textColor="@android:color/blac
                                              android:text="EV Inject2"
                                              android:textColor="@android:color/blac
android:textSize="18sp" />
                   <Switch
                                              android:textSize="18sp" />
android:id="@+id/radioInject1"
                                                                 <Switch
android:layout width="wrap content"
                                              android:id="@+id/radioDistrib"
android:layout height="wrap content"
                                              android:layout width="wrap content"
android:text="EV Inject1"
                                              android:layout height="wrap content"
android:textColor="@android:color/blac
                                              android:text="Stop force"
```

```
android:textColor="@android:color/blac
                                              android:backgroundTint="#EFC42C"
ا ا
                                              android:textColor="#fff"
android:textSize="18sp" />
                                              android:textSize="20sp"
                                              android:text="@string/dist 1"/>
               </TableRow>
                                                                 <Button
               <TableRow
                                              android:id="@+id/but p1 inject"
android:layout width="wrap content"
                                              android:layout width="0dp"
android:layout height="wrap content"
                                              android:layout height="wrap content"
android:gravity="center">
                                              android:layout margin="8dp"
                                              android:layout weight="1"
                   <Switch
android:id="@+id/radioDistribSect"
                                              android:backgroundTint="#EFC42C"
android:layout width="wrap content"
                                              android:textColor="#fff"
android:layout height="wrap content"
                                              android:textSize="20sp"
android:text="Dist Sect"
                                              android:text="@string/inj 1"/>
                                                             </TableRow>
android:textColor="@android:color/blac
                                                             <TableRow
android:textSize="18sp" />
                                              android:layout width="match parent"
                                              android:layout height="wrap content" >
               </TableRow>
                                                                 <Button
           </TableLayout>
                                              android:id="@+id/but p1 purge"
           <Space
                                              android:layout width="0dp"
android:layout width="match parent"
                                              android:layout height="wrap content"
android:layout height="16dp" />
                                              android:layout margin="8dp"
           <TableLayout
                                              android:layout weight="1"
android:layout width="match parent"
                                              android:backgroundTint="#EFC42C"
android:layout height="wrap content">
                                              android:textColor="#420C0C"
               <TableRow
                                              android:textSize="20sp"
android:layout width="match parent"
                                              android:text="PURGE"/>
android:layout_height="wrap content" >
                                                             </TableRow>
                   <Button
                                                             <TableRow
android:id="@+id/but p1 dis"
                                              android:layout width="match parent"
android:layout width="0dp"
                                              android:layout height="wrap content" >
android:layout height="wrap content"
                                                                 <Button
android:layout margin="8dp"
                                              android:id="@+id/but p2 dis"
android:layout weight="1"
                                              android:layout width="0dp"
```

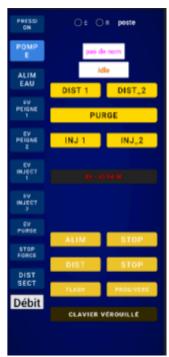
```
android:layout height="wrap content"
                                              android:layout height="match parent"
                                              android:orientation="horizontal">
android:layout margin="8dp"
android:layout weight="1"
                                                             <Button
android:backgroundTint="#EFC42C"
                                              android:id="@+id/but endcnx"
android:textColor="#fff"
                                              android:layout width="match parent"
android:textSize="20sp"
                                              android:layout_height="wrap_content"
android:text="dist 2"/>
                                              android:layout_margin="8dp"
                                              android:layout weight="1"
                   <Button
android:id="@+id/but p2 inject"
                                              android:backgroundTint="#151515"
android:layout width="0dp"
                                              android:text="D-CNX"
android:layout height="wrap content"
                                              android:textColor="@android:color/holo
                                              _red_dark"
android:layout margin="8dp"
                                              android:textScaleX="1.2"
android:layout weight="1"
                                              android:textStyle="bold" />
android:backgroundTint="#EFC42C"
android:textColor="#fff"
                                                         </LinearLayout>
android:textSize="20sp"
android:text="inj 2"/>
                                                     </LinearLayout>
              </TableRow>
                                                 </FrameLayout>
           </TableLayout>
                                              </android.support.constraint.Constrain</pre>
           <Space
                                              tLayout>
android:layout width="match parent"
android:layout height="16dp" />
           <LinearLayout
android:layout width="match parent"
```

2eme proposition:









Code de la 2ème proposition:

```
<android.support.constraint.Constraint</pre>
Layout
xmlns:android="http://schemas.android.
com/apk/res/android"
xmlns:app="http://schemas.android.com/
apk/res-auto"
xmlns:tools="http://schemas.android.co
m/tools"
   android:layout width="match parent"
android:layout height="match parent"
android:background="@drawable/fond gay
rell"
tools:context=".ControllePosteActivity
   <LinearLayout
android:layout width="match parent"
android:layout height="match parent"
android:orientation="horizontal"
       android:padding="10dp">
       <!-- Left Section: Switches -->
```

```
<LinearLayout
           android:layout_width="0dp"
android:layout height="match parent"
           android:layout weight="1"
android:orientation="vertical"
           android:paddingEnd="8dp">
           <Button
android:id="@+id/radioPression"
android:layout width="wrap content"
android:layout height="wrap content"
android:layout marginBottom="8dp"
android:backgroundTint="#003271"
android:text="@string/pression"
android:textColor="@android:color/whit
e" />
           <Button
android:layout_width="wrap_content"
```

```
android:layout height="wrap content"
                                              android:textColor="@android:color/whit
android:layout marginBottom="8dp"
android:backgroundTint="#3B86E4"
                                              android:layout marginBottom="8dp"
               android:text="Pompe"
                                              android:backgroundTint="#003271"/>
android:textColor="@android:color/whit
                                                         <But.ton
               android:textSize="18sp"
/>
                                              android:layout width="wrap content"
           <Button
                                              android:layout height="wrap content"
                                                             android:text="EV
android:layout width="wrap content"
                                              Inject2"
android:layout height="wrap content"
                                              android:textColor="@android:color/whit
               android:text="Alim Eau"
android:textColor="@android:color/whit
                                              android:backgroundTint="#003271"/>
e"
               android:textSize="18sp"
                                                         <Button
android:layout marginBottom="8dp"
                                              android:layout width="wrap content"
android:backgroundTint="#003271"/>
                                              android:layout height="wrap content"
                                                             android:text="EV Purge"
           <Button
                                              android:textColor="@android:color/whit
android:layout width="wrap content"
android:layout height="wrap content"
               android:text="EV
                                              android:layout marginBottom="8dp"
Peignel"
                                              android:backgroundTint="#003271"/>
android:textColor="@android:color/whit
⊖"
                                                         <Button
                                              android:layout_width="wrap content"
android:layout marginBottom="8dp"
                                              android:layout_height="wrap_content"
android:backgroundTint="#003271"/>
                                                             android:text="Stop
                                              Force"
           <Button
                                              android:textColor="@android:color/whit
android:layout width="wrap content"
android:layout height="wrap content"
               android:text="EV
                                              android:layout marginBottom="8dp"
Peigne2"
                                              android:backgroundTint="#003271"/>
android:textColor="@android:color/whit
                                                         <Button
                                              android:layout_width="wrap_content"
android:layout marginBottom="8dp"
                                              android:layout_height="wrap_content"
android:backgroundTint="#003271"/>
                                                             android:text="Dist
                                              Sect"
           <Button
                                              android:textColor="@android:color/whit
android:layout width="wrap content"
                                                             android:textSize="18sp"
android:layout height="wrap content"
               android:text="EV
                                              android:layout marginBottom="8dp"
Inject1"
                                              android:backgroundTint="#003271"/>
```

```
<TextView
                                              android:textColor="@android:color/whit
               android:id="@+id/Debit"
                                              e" />
android:layout width="match parent"
                                                             <TextView
android:layout height="wrap content"
                                              android:layout width="wrap content"
android:background="@android:drawable/
                                              android:layout height="wrap content"
editbox dropdown light frame"
                                              android:text="poste"
android:fontFamily="sans-serif-medium"
                                              android:textSize="18sp"
android:gravity="center"
               android:text="Débit"
                                              android:textStyle="bold"
android:textColor="@android:color/blac
                                              android:layout marginStart="16dp"
k"
               android:textSize="30sp"
                                              android:textColor="@android:color/whit
/>
                                              e" />
                                                         </LinearLayout>
       </LinearLayout>
                                                         <LinearLayout
                                              android:layout width="match parent"
       <LinearLayout
           android:layout width="0dp"
                                              android:layout height="0dp"
android:layout_height="match_parent"
           android:layout weight="3"
                                              android:layout_weight="1"
android:orientation="vertical">
                                              android:orientation="vertical"
           <LinearLayout
                                              android:gravity="center"
android:layout width="match parent"
                                              android:layout marginBottom="8dp">
                                                             <TextView
android:layout height="wrap content"
                                              android:id="@+id/board name"
android:orientation="horizontal"
                                              android:layout width="wrap content"
android:gravity="center horizontal"
                                              android:layout height="wrap content"
android:layout marginBottom="8dp">
                                              android:background="#FFFFFF"
               <RadioButton
                                              android:padding="8dp"
android:id="@+id/but emis"
                                              android:gravity="center"
android:layout width="wrap content"
                                              android:text="@string/pas_de_nom"
android:layout height="wrap content"
                   android: text="E"
                                              android:textColor="#FF55FF"
                                              android:textSize="18sp"
android:textColor="@android:color/whit
e" />
                                              android:textStyle="bold"
               <RadioButton
                                              android:elevation="4dp" />
android:id="@+id/but recep"
                                                             <Space
android:layout width="wrap content"
                                              android:layout width="match parent"
android:layout height="wrap content"
                   android:text="R"
                                              android:layout height="8dp" />
android:layout marginStart="8dp"
                                                             <TextView
                                              android:id="@+id/board state dis"
```

```
android:layout width="130dp"
                                              android:text="dist 2"
android:layout height="wrap content"
                                             android:textColor="#000000"
android:layout gravity="center"
                                              android:textSize="20sp" />
android:background="#FFFFFF"
                                                                 </TableRow>
android:elevation="4dp"
                                                                 <TableRow
android:gravity="center"
                                              android:layout width="match parent"
android:padding="8dp"
                                              android:layout height="wrap content"
android:text="@string/idle"
                                              android:gravity="center">
android:textColor="#EF6C00"
                                                                     <Button
android:textSize="18sp"
                                              android:id="@+id/but p1 purge"
android:textStyle="bold" />
                                              android:layout_width="wrap_content"
                                              android:layout height="wrap content"
               <TableLayout
android:layout width="match parent"
                                              android:layout margin="8dp"
android:layout height="wrap content">
                                              android:layout weight="1"
                   <TableRow
                                              android:backgroundTint="#FFD700"
                                              android:text="PURGE"
android:layout width="match parent"
android:layout height="wrap content">
                                             android:textColor="#000000"
                                              android:textSize="20sp"/>
                       <Button
android:id="@+id/but p1 dis"
                                                                 </TableRow>
android:layout_width="0dp"
                                                                 <TableRow
android:layout height="wrap content"
                                              android:layout width="match parent"
android:layout margin="8dp"
                                              android:layout height="wrap content">
android:layout_weight="1"
                                                                     <Button
android:backgroundTint="#FFD700"
                                              android:id="@+id/but p1 inject"
android:text="@string/dist 1"
                                              android:layout width="0dp"
android:textColor="#000"
                                              android:layout height="wrap content"
android:textSize="20sp" />
                                              android:layout margin="8dp"
                       <Button
                                              android:layout weight="1"
android:id="@+id/but_p2_dis"
                                              android:backgroundTint="#FFD700"
android:layout width="0dp"
                                              android:text="@string/inj 1"
android:layout height="wrap content"
                                              android:textColor="#000"
android:layout margin="8dp"
                                              android:textSize="20sp" />
android:layout weight="1"
android:backgroundTint="#FFD700"
                                                                     <Button
```

```
android:id="@+id/but p2 inject"
                                              android:layout height="wrap content">
android:layout width="0dp"
                                                                 <TableRow
android:layout height="wrap content"
                                              android:layout width="match parent"
android:layout margin="8dp"
                                              android:layout height="wrap content">
                                                                     <Button
android:layout weight="1"
                                              android:id="@+id/but starta"
android:backgroundTint="#FFD700"
                                              android:layout width="0dp"
android:text="inj 2"
                                              android:layout height="wrap content"
android:textColor="#000"
                                              android:layout margin="8dp"
android:textSize="20sp" />
                                              android:layout weight="1"
                   </TableRow>
               </TableLayout>
                                              android:backgroundTint="#EFC42C"
                                              android:text="@string/alim"
           </LinearLayout>
                                              android:textColor="#fff"
           <LinearLayout
android:layout width="match parent"
                                              android:textSize="20sp" />
android:layout height="0dp"
                                                                      <Button
android:layout weight="0.5"
                                              android:id="@+id/but stopa"
android:orientation="horizontal">
                                              android:layout width="0dp"
               <But.ton
                                              android:layout height="wrap content"
android:id="@+id/but endcnx"
                                              android:layout margin="8dp"
android:layout width="match parent"
                                              android:layout weight="1"
android:layout height="wrap content"
                                              android:backgroundTint="#EFC42C"
android:layout margin="8dp"
                                              android:text="@string/stop"
android:layout weight="1"
                                              android:textColor="#fff"
android:backgroundTint="#232323"
                                              android:textSize="20sp" />
android:text="D-CNX"
                                                                  </TableRow>
android:textColor="@android:color/holo
                                                                 <TableRow
_red dark"
                                              android:layout width="match parent"
android:textScaleX="2"
                                              android:layout height="wrap content">
android:textStyle="bold" />
                                                                     <But.t.on
           </LinearLayout>
           <LinearLayout</pre>
                                              android:id="@+id/but startdis"
android:layout width="match parent"
                                              android:layout width="0dp"
android:layout height="0dp"
                                              android:layout height="wrap content"
android:layout weight="1"
                                              android:layout_margin="8dp"
android:orientation="vertical">
                                              android:layout weight="1"
               <TableLayout
                                              android:backgroundTint="#EFC42C"
android:layout width="match parent"
```

```
</TableRow>
android:text="@string/dist"
                                                                 <Button
android:textColor="#fff"
                                              android:id="@+id/but lockui"
android:textSize="20sp" />
                                              android:layout width="wrap content"
                       <Button
                                              android:layout height="wrap content"
android:id="@+id/but stopdis"
                                              android:layout margin="8dp"
                                              android:layout weight="1"
android:layout width="0dp"
android:layout height="wrap content"
                                              android:backgroundTint="#332903"
android:layout margin="8dp"
                                              android:text="Clavier vérouillé"
android:layout weight="1"
                                             android:textColor="#fff"
android:backgroundTint="#EFC42C"
                                             android:textScaleX="1.2"
android:text="@string/stop"
                                             android:textStyle="bold"
android:textColor="#fff"
                                             android:layout gravity="center vertica
                                             1"/>
android:textSize="20sp" />
                                                             </TableLayout>
                   </TableRow>
                                                         </LinearLayout>
                   <TableRow
                                                    </LinearLayout>
android:layout width="match parent"
                                               </LinearLayout>
android:layout height="wrap content">
                                             </android.support.constraint.Constrain</pre>
                       <Button
                                             tLayout>
android:id="@+id/but_wrtadr"
android:layout width="0dp"
android:layout height="wrap content"
android:layout margin="8dp"
android:layout weight="1"
android:backgroundTint="#EFC42C"
android:text="@string/flash"
android:textColor="#fff" />
                       <Button
android:id="@+id/but poste prog"
android:layout width="0dp"
android:layout height="wrap content"
android:layout margin="8dp"
android:layout weight="1"
android:backgroundTint="#EFC42C"
android:text="Prog/Vers"
android:textColor="#fff"/>
```