

Zadanie 02: Artefakt nr 2 – ADB I Statystyczna Analiza APK

<https://github.com/Ksyn777/TM-96407>

2.1 Struktura archiwum (ZIP)

```
PS C:\Users\vdi-terminal\Desktop\TestowanieMobilne> docker run --rm -v "$(pwd):/apps" mingc/android-build-box:latest unzip -l /apps/app.apk
Archive: /apps/app.apk
      Length     Date   Time    Name
----- -----
 166912 1980-00-00 00:00  AndroidManifest.xml
      6 1980-00-00 00:00  META-INF/androidx.appcompat.appcompat.version
      6 1980-00-00 00:00  META-INF/androidx.arch.core.core-runtime.version
      6 1980-00-00 00:00  META-INF/androidx.asynclayoutinflater_asynclayoutinflater.version
      6 1980-00-00 00:00  META-INF/androidx.coordinatorlayout_coordinatorlayout.version
      6 1980-00-00 00:00  META-INF/androidx.core.core.version
      6 1980-00-00 00:00  META-INF/androidx.cursoradapter_cursoradapter.version
      6 1980-00-00 00:00  META-INF/androidx.customview_customview.version
      6 1980-00-00 00:00  META-INF/androidx.documentfile_documentfile.version
      6 1980-00-00 00:00  META-INF/androidx.drawerlayout_drawerlayout.version
      6 1980-00-00 00:00  META-INF/androidx.fragment_fragment.version
      6 1980-00-00 00:00  META-INF/androidx.interpolator_interpolator.version
      6 1980-00-00 00:00  META-INF/androidx.legacy_legacy-support-core-ui.version
      6 1980-00-00 00:00  META-INF/androidx.legacy_legacy-support-core-utils.version
      6 1980-00-00 00:00  META-INF/androidx.lifecycle_lifecycle-livedata-core.version
      6 1980-00-00 00:00  META-INF/androidx.lifecycle_lifecycle-livedata.version
      6 1980-00-00 00:00  META-INF/androidx.lifecycle_lifecycle-runtime.version
      6 1980-00-00 00:00  META-INF/androidx.lifecycle_lifecycle-viewmodel.version
      6 1980-00-00 00:00  META-INF/androidx.loader_loader.version
      6 1980-00-00 00:00  META-INF/androidx.localbroadcastmanager_localbroadcastmanager.version
      6 1980-00-00 00:00  META-INF/androidx.print_print.version
      6 1980-00-00 00:00  META-INF/androidx.slidingpanelayout_slidingpanelayout.version
      6 1980-00-00 00:00  META-INF/androidx.swiperefreshlayout_swiperefreshlayout.version
      6 1980-00-00 00:00  META-INF/androidx.vectordrawable_vectordrawable-animated.version
      6 1980-00-00 00:00  META-INF/androidx.vectordrawable_vectordrawable.version
      6 1980-00-00 00:00  META-INF/androidx.versionedparcelable_versionedparcelable.version
      6 1980-00-00 00:00  META-INF/androidx.viewpager_viewpager.version
  5266 1980-00-00 00:00  assets/HelloActivity.apk
 39104 1980-00-00 00:00  assets/fonts/samplefont.ttf
    376 1980-00-00 00:00  assets/html/index.html
    383 1980-00-00 00:00  assets/html/index2.html
    128 1980-00-00 00:00  assets/html/linked.html
     84 1980-00-00 00:00  assets/read_asset.txt
 2722196 1980-00-00 00:00  classes.dex
```

2.2 Rozpakowanie APK (apktool)

```
Directory: C:\Users\vdi-terminal\Desktop\TestowanieMobilne\Artefakt02\decompiled_apk

Mode                LastWriteTime        Length  Name
----                -----          ----  --
d----        28.02.2026     11:40              assets
d----        28.02.2026     11:40              original
d----        28.02.2026     11:39              res
d----        28.02.2026     11:39              smali
-a---        28.02.2026     11:39        129112  AndroidManifest.xml
-a---        28.02.2026     11:40         1918  apktool.yml
```

2.3 Uprawnienia (permissions)

```
uses-permission: name='android.permission.READ_CONTACTS'  
uses-permission: name='android.permission.WRITE_CONTACTS'  
uses-permission: name='android.permission.VIBRATE'  
uses-permission: name='android.permission.ACCESS_COARSE_LOCATION'  
uses-permission: name='android.permission.INTERNET'  
uses-permission: name='android.permission.SET_WALLPAPER'  
uses-permission: name='android.permission.WRITE_EXTERNAL_STORAGE'  
uses-permission: name='android.permission.SEND_SMS'  
uses-permission: name='android.permission.RECEIVE_SMS'  
uses-permission: name='android.permission.NFC'  
uses-permission: name='android.permission.RECORD_AUDIO'  
uses-permission: name='android.permission.CAMERA'  
PS C:\Users\vdi-terminal\Desktop\TestowanieMobilne> █
```

2.4 Wersja API (api_level)

```
processing triggers for libC-bin (2.39-0ubuntu0.7) ...  
sdkVersion:'17'  
targetSdkVersion:'28'
```

2.5 Architektura (ABI) i Hash

```
processing triggers for libC-bin (2.39-0ubuntu0.7) ...  


| Algorithm | Hash                                                             | Path                                                    |
|-----------|------------------------------------------------------------------|---------------------------------------------------------|
| -----     | -----                                                            | -----                                                   |
| SHA256    | 354B56605E8F201CE5FDD5B796524D8FABAE726EE57DE2D76DCF878C4D7826F1 | C:\Users\vdi-terminal\Desktop\TestowanieMobilne\app.apk |


```