

ANDROID STATIC ANALYSIS REPORT

app_icon

PanceFitme (4.19.0)

File Name:	dance.fit.zumba.weightloss.danceburn_102.apk
Package Name:	dance.fit.zumba.weightloss.danceburn
Scan Date:	Sept. 1, 2025, 12:57 p.m.
App Security Score:	42/100 (MEDIUM RISK)
Grade:	
Trackers Detection:	4/432

FINDINGS SEVERITY

≟ HIGH	▲ MEDIUM	i INFO	✓ SECURE	◎ HOTSPOT
5	18	2	1	4

FILE INFORMATION

File Name: dance.fit.zumba.weightloss.danceburn_102.apk

Size: 36.57MB

MD5: 6bdf5f1a25de83561ce0241f98f2448d

SHA1: d308b12cc474ef7b6ce58631d1ddd830c761ebd5

SHA256: cf690f06fba6c9df33b760000319b0e8f538a66e2cf31db999edce9c6478a4a4

i APP INFORMATION

App Name: DanceFitme

Package Name: dance.fit.zumba.weightloss.danceburn

Main Activity: dance.fit.zumba.weightloss.danceburn.maintab.SplashActivity

Target SDK: 34 Min SDK: 21 Max SDK:

Android Version Name: 4.19.0

Android Version Code: 102

APP COMPONENTS

Activities: 79 Services: 14 Receivers: 12 Providers: 5

Exported Activities: 0 Exported Services: 3 Exported Receivers: 3 Exported Providers: 0



Binary is signed v1 signature: True v2 signature: True v3 signature: True v4 signature: False

X.509 Subject: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Signature Algorithm: rsassa_pkcs1v15 Valid From: 2022-03-15 05:58:38+00:00 Valid To: 2052-03-15 05:58:38+00:00

Issuer: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Serial Number: 0x8c046821fd199ac78bbeb86625d93a53d96f3661

Hash Algorithm: sha256

md5: c69517eb9e2a949a701239bad0fb3480

sha1: 44bd2f35fc74a49403263c8c8c4a9d050d9ab829

sha256: 899a1f5af2634df0ed9644e76a2ca19933df8c8c5a7c57b2dd61dc7d1a6d271d

sha512: 68adcaaac0bf7f593c4cd3812a271ec7822338b440f2304f0b5e6ae1e3e14e1bc40daf4db3cb4a31ef4f45702f676fcb4a1c0e159168c228d036654246daf09d

PublicKey Algorithm: rsa

Bit Size: 4096

Fingerprint: 7e7632bd7aabdb2dfbe3d14d2f5f934ebda47eac32a09560b9ee8173d8b276ac

Found 1 unique certificates

⋮ APPLICATION PERMISSIONS

PERMISSION		INFO	DESCRIPTION
android.permission.INTERNET		full Internet access	Allows an application to create network sockets.
android.permission.ACCESS_NETWORK_STATE		view network status	Allows an application to view the status of all networks.
android.permission.ACCESS_WIFI_STATE		view Wi-Fi status	Allows an application to view the information about the status of Wi-Fi.
com.google.android.gms.permission.AD_ID	normal	application shows advertisements	This app uses a Google advertising ID and can possibly serve advertisements.
com.android.vending.BILLING	normal	application has in-app purchases	Allows an application to make in-app purchases from Google Play.
android.permission.POST_NOTIFICATIONS		allows an app to post notifications.	Allows an app to post notifications
android.permission.READ_EXTERNAL_STORAGE		read external storage contents	Allows an application to read from external storage.
android.permission.READ_MEDIA_IMAGES		allows reading image files from external storage.	Allows an application to read image files from external storage.

PERMISSION	STATUS	INFO	DESCRIPTION
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android.permission.CAMERA	dangerous	take pictures and videos	Allows application to take pictures and videos with the camera. This allows the application to collect images that the camera is seeing at any time.
android.permission.READ_MEDIA_VISUAL_USER_SELECTED	dangerous	allows reading user- selected image or video files from external storage.	Allows an application to read image or video files from external storage that a user has selected via the permission prompt photo picker. Apps can check this permission to verify that a user has decided to use the photo picker, instead of granting access to READ_MEDIA_IMAGES or READ_MEDIA_VIDEO . It does not prevent apps from accessing the standard photo picker manually. This permission should be requested alongside READ_MEDIA_IMAGES and/or READ_MEDIA_VIDEO , depending on which type of media is desired.

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.READ_CALENDAR		read calendar events	Allows an application to read all of the calendar events stored on your phone. Malicious applications can use this to send your calendar events to other people.
android.permission.WRITE_CALENDAR		add or modify calendar events and send emails to guests	Allows an application to add or change the events on your calendar, which may send emails to guests. Malicious applications can use this to erase or modify your calendar events or to send emails to guests.
android.permission.WRITE_EXTERNAL_STORAGE		read/modify/delete external storage contents	Allows an application to write to external storage.
android.permission.WAKE_LOCK		prevent phone from sleeping	Allows an application to prevent the phone from going to sleep.
android.permission.RECEIVE_BOOT_COMPLETED		automatically start at boot	Allows an application to start itself as soon as the system has finished booting. This can make it take longer to start the phone and allow the application to slow down the overall phone by always running.

PERMISSION		INFO	DESCRIPTION
android.permission.FOREGROUND_SERVICE		enables regular apps to use Service.startForeground.	Allows a regular application to use Service.startForeground.
com.google.android.c2dm.permission.RECEIVE		recieve push notifications	Allows an application to receive push notifications from cloud.
android.permission.ACCESS_ADSERVICES_ATTRIBUTION		allow applications to access advertising service attribution	This enables the app to retrieve information related to advertising attribution, which can be used for targeted advertising purposes. App can gather data about how users interact with ads, such as clicks or impressions, to measure the effectiveness of advertising campaigns.
android.permission.ACCESS_ADSERVICES_AD_ID		allow app to access the device's advertising ID.	This ID is a unique, user- resettable identifier provided by Google's advertising services, allowing apps to track user behavior for advertising purposes while maintaining user privacy.
com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE		permission defined by google	A custom permission defined by Google.

PERMISSION	STATUS	INFO	DESCRIPTION
dance.fit.zumba.weightloss.danceburn.DYNAMIC_RECEIVER_NOT_EXPORTED_PERMISSION		Unknown permission	Unknown permission from android reference
android.permission.CHANGE_WIFI_MULTICAST_STATE	normal	allow Wi-Fi Multicast reception	Allows an application to receive packets not directly addressed to your device. This can be useful when discovering services offered nearby. It uses more power than the non-multicast mode.
android.permission.READ_PHONE_STATE		read phone state and identity	Allows the application to access the phone features of the device. An application with this permission can determine the phone number and serial number of this phone, whether a call is active, the number that call is connected to and so on.

M APKID ANALYSIS

FILE	DETAILS				
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FILE	DETAILS	
classes.dex	FINDINGS	DETAILS
	Anti-VM Code	Build.FINGERPRINT check Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check
	Compiler	r8 without marker (suspicious)
	FINDINGS	DETAILS
	FINDINGS	DETAILS
	Anti Debug Code	Debug.isDebuggerConnected() check
classes2.dex	Anti-VM Code	Build.MODEL check Build.MANUFACTURER check Build.PRODUCT check Build.HARDWARE check Build.TAGS check SIM operator check network operator name check possible VM check
	Compiler	r8 without marker (suspicious)



ACTIVITY	INTENT
dance.fit.zumba.weightloss.danceburn.maintab.SplashActivity	Schemes: dancefitmeh2o://, Hosts: www.dancefitme.com,

△ NETWORK SECURITY

HIGH: 1 | WARNING: 0 | INFO: 0 | SECURE: 0

NO	SCOPE	SEVERITY	DESCRIPTION
1	*	high	Base config is insecurely configured to permit clear text traffic to all domains.

CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 1 | INFO: 1

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate
Application vulnerable to Janus Vulnerability	warning	Application is signed with v1 signature scheme, making it vulnerable to Janus vulnerability on Android 5.0-8.0, if signed only with v1 signature scheme. Applications running on Android 5.0-7.0 signed with v1, and v2/v3 scheme is also vulnerable.

Q MANIFEST ANALYSIS

HIGH: 2 | WARNING: 6 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	App can be installed on a vulnerable unpatched Android version Android 5.0-5.0.2, [minSdk=21]	high	This application can be installed on an older version of android that has multiple unfixed vulnerabilities. These devices won't receive reasonable security updates from Google. Support an Android version => 10, API 29 to receive reasonable security updates.
2	Clear text traffic is Enabled For App [android:usesCleartextTraffic=true]	high	The app intends to use cleartext network traffic, such as cleartext HTTP, FTP stacks, DownloadManager, and MediaPlayer. The default value for apps that target API level 27 or lower is "true". Apps that target API level 28 or higher default to "false". The key reason for avoiding cleartext traffic is the lack of confidentiality, authenticity, and protections against tampering; a network attacker can eavesdrop on transmitted data and also modify it without being detected.
3	App has a Network Security Configuration [android:networkSecurityConfig=@xml/network_security_config]	info	The Network Security Configuration feature lets apps customize their network security settings in a safe, declarative configuration file without modifying app code. These settings can be configured for specific domains and for a specific app.

NO	ISSUE	SEVERITY	DESCRIPTION
4	Broadcast Receiver (dance.fit.zumba.weightloss.danceburn.receiver.InstallReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.INSTALL_PACKAGES [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
5	Service (androidx.work.impl.background.gcm.WorkManagerGcmService) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.permission.BIND_NETWORK_TASK_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
6	Service (androidx.work.impl.background.systemjob.SystemJobService) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.BIND_JOB_SERVICE [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

NO	ISSUE	SEVERITY	DESCRIPTION
7	Broadcast Receiver (androidx.work.impl.diagnostics.DiagnosticsReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: android.permission.DUMP [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
8	Broadcast Receiver (com.google.firebase.iid.FirebaseInstanceIdReceiver) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.c2dm.permission.SEND [android:exported=true]	warning	A Broadcast Receiver is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.
9	Service (com.google.android.gms.auth.api.signin.RevocationBoundService) is Protected by a permission, but the protection level of the permission should be checked. Permission: com.google.android.gms.auth.api.signin.permission.REVOCATION_NOTIFICATION [android:exported=true]	warning	A Service is found to be shared with other apps on the device therefore leaving it accessible to any other application on the device. It is protected by a permission which is not defined in the analysed application. As a result, the protection level of the permission should be checked where it is defined. If it is set to normal or dangerous, a malicious application can request and obtain the permission and interact with the component. If it is set to signature, only applications signed with the same certificate can obtain the permission.

</> CODE ANALYSIS

HIGH: 2 | WARNING: 8 | INFO: 2 | SECURE: 1 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	STANDARDS	FILES
				a0/a.java a0/c.java a0/h.java b2/c.java b2/m0.java b2/m0.java b2/y.java b2/y.java b5/a.java c0/e.java c0/o.java c2/t0.java c3/n.java c4/c.java c4/e.java cd/g.java com/alibaba/android/vlayout/VirtualLayout Manager.java com/alibaba/android/vlayout/extend/InnerR ecycledViewPool.java com/bumptech/glide/GeneratedAppGlideM oduleImpl.java com/bumptech/glide/c.java com/bumptech/glide/i.java com/bumptech/glide/i.java com/bumptech/glide/i.java com/bumptech/glide/i.java com/bumptech/glide/i.java com/bumptech/glide/i.java com/bumptech/glide/integration/webp/Web pBitmapFactory.java com/bumptech/glide/load/data/b.java com/bumptech/glide/load/data/b.java com/bumptech/glide/load/data/j.java

NO	ISSUE	SEVERITY	STANDARDS	FOR Sumptech/glide/load/engine/DecodeJob.java
				com/bumptech/glide/load/engine/GlideExce
				ption.java
				com/bumptech/glide/load/engine/e.java
				com/bumptech/glide/load/engine/f.java
				com/bumptech/glide/load/engine/k.java
				com/bumptech/glide/load/resource/bitmap
				/DefaultImageHeaderParser.java
				com/bumptech/glide/load/resource/bitmap
				/VideoDecoder.java
				com/bumptech/glide/load/resource/bitmap
				/a.java
				com/bumptech/glide/manager/RequestMa
				agerFragment.java
				com/bumptech/glide/manager/SupportRed
				uestManagerFragment.java
				com/bumptech/glide/request/SingleRequest
				.java
				com/connectsdk/core/ChannelInfo.java
				com/connectsdk/device/ConnectableDevice
				java
				com/connectsdk/device/SimpleDevicePicke
				.java
				com/connectsdk/discovery/DiscoveryMana
				er.java
				com/connectsdk/discovery/provider/CastD
				scoveryProvider.java
				com/connectsdk/discovery/provider/SSDPI
				iscoveryProvider.java
				com/connectsdk/service/CastService.java
				com/connectsdk/service/DIALService.java
				com/connectsdk/service/DLNAService.java
				com/connectsdk/service/NetcastTVService.
				va
				com/connectsdk/service/RokuService.java
				com/connectsdk/service/WebOSTVService.j
				va
				com/connectsdk/service/netcast/NetcastHt
				pServer.java

NO	ISSUE	SEVERITY	STANDARDS	FTRequestParser.java com/connectsdk/service/sessions/CastWebA
				ppSession.java
				com/connectsdk/service/webos/WebOSTVM
				ouseSocketConnection.java
				com/connectsdk/service/webos/WebOSTVS
				erviceSocketClient.java
				_
				com/connectsdk/service/webos/WebOSTVTr
				ustManager.java
				com/github/mikephil/charting/charts/BarCh
				art.java
				com/github/mikephil/charting/charts/BarLin
				eChartBase.java
				com/github/mikephil/charting/charts/Chart.j
				ava
				com/github/mikephil/charting/charts/Combi
				nedChart.java
				com/github/mikephil/charting/charts/Horiz
				ontalBarChart.java
				com/github/mikephil/charting/charts/PieRa
				darChartBase.java
				com/github/mikephil/charting/data/PieEntry
				.java
				com/github/mikephil/charting/listener/a.jav
				a
				com/pili/pldroid/player/PLMediaPlayer.java
				com/pili/pldroid/player/SharedLibraryName
				Helper.java
				com/pili/pldroid/player/network/a.java
				com/pili/pldroid/player/report/a.java
				com/pili/pldroid/player/report/core/e.java
				com/sensorsdata/analytics/android/autotra
				ck/core/AutoTrackContextHelper.java
				. ,
				com/sensorsdata/analytics/android/autotra
				ck/core/autotrack/ActivityLifecycleCallbacks.
				java
				com/sensorsdata/analytics/android/autotra
				ck/core/autotrack/FragmentViewScreenCallb
				acks.java
				com/sensorsdata/analytics/android/autotra

NO	ISSUE	SEVERITY	STANDARDS	ck/core/impi/AutoTrackProtocollmi.java ppresensorsdata/analytics/android/autotra
				ck/core/pageleave/FragmentPageLeaveCallb
				acks.java
				com/sensorsdata/analytics/android/sdk/Abs
				tractSensorsDataAPI.java
				com/sensorsdata/analytics/android/sdk/Ana
				lyticsMessages.java
				com/sensorsdata/analytics/android/sdk/SAL
				og.java
				com/sensorsdata/analytics/android/sdk/Sen
				sorsDataAPI.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/deeplink/ChannelDeepLink.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/deeplink/DeepLinkManager.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/impl/SAAdvertProtocollmpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/OAIDRom.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/SAOaidHelper.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/AsusImpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/CoolpadImpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/Huaweilmpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/Lenovolmpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/MeizuImpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/Nubialmpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/OAIDFactory.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/OppoImpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/SamsungImpl.java
				com/sensorsdata/analytics/android/sdk/adv

				ert/oaid/impl/Vivolmpl.java
NO	ISSUE	SEVERITY	STANDARDS	দাদ্ভ nsorsdata/analytics/android/sdk/adv
				ert/oaid/impl/Xiaomilmpl.java
				com/sensorsdata/analytics/android/sdk/adv
				ert/oaid/impl/ZTEImpl.java com/sensorsdata/analytics/android/sdk/adv
				,
				ert/scan/ChannelDebugScanHelper.java
				com/sensorsdata/analytics/android/sdk/adv ert/utils/SAAdvertUtils.java
				_
				com/sensorsdata/analytics/android/sdk/aop /push/PushAutoTrackHelper.java
				com/sensorsdata/analytics/android/sdk/cor
				e/business/SAPluginVersion.java
				com/sensorsdata/analytics/android/sdk/cor e/event/imp/BaseEventAssemble.java
				com/sensorsdata/analytics/android/sdk/cor
				e/event/imp/H5TrackAssemble.java
				com/sensorsdata/analytics/android/sdk/cor
				e/event/imp/ItemEventAssemble.java
				com/sensorsdata/analytics/android/sdk/cor
				e/event/imp/StoreDataImpl.java
				com/sensorsdata/analytics/android/sdk/cor
				e/event/imp/TrackEventAssemble.java
				com/sensorsdata/analytics/android/sdk/cor
				e/mediator/SAModuleManager.java
				com/sensorsdata/analytics/android/sdk/dat
				a/SAProviderHelper.java
				com/sensorsdata/analytics/android/sdk/dat
				a/SensorsDataDBHelper.java
				com/sensorsdata/analytics/android/sdk/dat
				a/adapter/DataOperation.java
				com/sensorsdata/analytics/android/sdk/dat
				a/adapter/EncryptDataOperation.java
				com/sensorsdata/analytics/android/sdk/dat
				a/adapter/EventDataOperation.java
				com/sensorsdata/analytics/android/sdk/dat
				a/adapter/TransportEncryption.java
				com/sensorsdata/analytics/android/sdk/dat
				a/persistent/PersistentSuperProperties.java
				com/sensorsdata/analytics/android/sdk/dial
				og/SchemeActivity.java

				com/sensorsdata/analytics/android/sdk/dial
NO	ISSUE	SEVERITY	STANDARDS	F\$!\!E5\sorsDataDialogUtils.java
				com/sensorsdata/analytics/android/sdk/enc
				rypt/AESSecretManager.java
				com/sensorsdata/analytics/android/sdk/enc
				rypt/biz/SecretKeyManager.java
				com/sensorsdata/analytics/android/sdk/enc
				rypt/encryptor/SAECEncrypt.java
				com/sensorsdata/analytics/android/sdk/enc
				rypt/impl/SAEncryptAPIImpl.java
				com/sensorsdata/analytics/android/sdk/enc
				rypt/utils/EncryptUtils.java
				com/sensorsdata/analytics/android/sdk/exp
				osure/AppPageChange.java
				com/sensorsdata/analytics/android/sdk/exp
				osure/ExposedPage.java
				com/sensorsdata/analytics/android/sdk/exp
				osure/ExposedTransform.java
				com/sensorsdata/analytics/android/sdk/exp
				osure/ExposureVisible.java
				com/sensorsdata/analytics/android/sdk/exp
				osure/SAExposedProcess.java
				com/sensorsdata/analytics/android/sdk/exp
				osure/StayDurationRunnable.java
				com/sensorsdata/analytics/android/sdk/jsbr
				idge/AppWebViewInterface.java
				com/sensorsdata/analytics/android/sdk/jsbr
				idge/JSHookAop.java
				com/sensorsdata/analytics/android/sdk/net
ļ				work/HttpConfig.java
ļ				com/sensorsdata/analytics/android/sdk/net
				work/RealRequest.java
				com/sensorsdata/analytics/android/sdk/plu
ļ				gin/encrypt/AbstractStoreManager.java
				com/sensorsdata/analytics/android/sdk/plu
,				gin/property/PropertyPluginManager.java
ļ				com/sensorsdata/analytics/android/sdk/pus
				1
ļ				h/core/PushProcess.java
				com/sensorsdata/analytics/android/sdk/re
ļ				mote/BaseSensorsDataSDKRemoteManager.
i '				java

NO	ISSUE	SEVERITY	STANDARDS	com/sensorsdata/analytics/android/sdk/re FloteSensorsDataRemoteManager.java com/sensorsdata/analytics/android/sdk/re
1	The App logs information. Sensitive information should never be logged.	info	CWE: CWE-532: Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	mote/SensorsDataRemoteManagerDebug.ja va com/sensorsdata/analytics/android/sdk/use ridentity/Identities.java com/sensorsdata/analytics/android/sdk/use ridentity/LoginIDAndKey.java com/sensorsdata/analytics/android/sdk/use ridentity/UserIdentityAPI.java com/sensorsdata/analytics/android/sdk/util /AppInfoUtils.java com/sensorsdata/analytics/android/sdk/util /AppStateTools.java com/sensorsdata/analytics/android/sdk/util /DeviceUtils.java com/sensorsdata/analytics/android/sdk/util /NetworkUtils.java com/sensorsdata/analytics/android/sdk/util /Pathfinder.java com/sensorsdata/analytics/android/sdk/util /PermissionUtils.java com/sensorsdata/analytics/android/sdk/util /SADataHelper.java com/sensorsdata/analytics/android/sdk/util /SASchemeHelper.java com/sensorsdata/analytics/android/sdk/util /SASpUtils.java com/sensorsdata/analytics/android/sdk/util /SAViewUtils.java com/sensorsdata/analytics/android/sdk/util /SensorsDataUtils.java com/sensorsdata/analytics/android/sdk/util /ThreadUtils.java com/sensorsdata/analytics/android/sdk/util /ThreadUtils.java com/sensorsdata/analytics/android/sdk/util /ToastUtil.java com/sensorsdata/analytics/android/sdk/util /WebUtils.java com/sensorsdata/analytics/android/sdk/util /WebUtils.java com/sensorsdata/analytics/android/sdk/util /WebUtils.java com/sensorsdata/analytics/android/sdk/util /WebUtils.java com/sensorsdata/analytics/android/sdk/util /WebUtils.java com/sensorsdata/analytics/android/sdk/util

NO	ISSUE	SEVERITY	STANDARDS	com/sensorsdata/analytics/android/sdk/vis
				ual/ViewSnapshot.java com/sensorsdata/analytics/android/sdk/vis ual/VisualDebugHelper.java com/sensorsdata/analytics/android/sdk/vis ual/VisualizedAutoTrackService.java com/sensorsdata/analytics/android/sdk/vis ual/WebViewVisualInterface.java com/sensorsdata/analytics/android/sdk/vis ual/impl/VisualProtocolImpl.java com/sensorsdata/analytics/android/sdk/vis ual/property/VisualConfigRequestHelper.jav a com/sensorsdata/analytics/android/sdk/vis ual/property/VisualPropertiesCache.java com/sensorsdata/analytics/android/sdk/vis ual/property/VisualPropertiesManager.java com/sensorsdata/analytics/android/sdk/vis ual/snap/Caller.java com/sensorsdata/analytics/android/sdk/vis ual/snap/ResourceReader.java com/sensorsdata/analytics/android/sdk/vis ual/utils/AlertMessageUtils.java com/sensorsdata/analytics/android/sdk/vis ual/view/PairingCodeEditDialog.java com/sensorsdata/analytics/android/sdk/vis ual/view/PairingCodeRequestHelper.java com/tencent/mmkv/MMKV.java com/tencent/mmkv/MMKV.java com/tencent/mmkv/MMKV.java com/zhouyou/http/body/UploadProgressRe questBody.java com/zhouyou/http/body/UploadProgressRe questBody.java com/zhouyou/http/request/DownloadRequ est.java com/zhouyou/http/request/DownloadRequ est.java com/zhouyou/http/utils/RetryWithDelay.jav a com/zhouyou/http/utils/RetryWithDelay.jav a com/zhouyou/http/utils/RetryWithDelay.jav d1/b.java d4/c.java

d5/a0_java d5/a0_java d5/b0_java d5/d0_java d5/e_java d5/e_java d5/e_java d5/e_java d5/e_java d5/n0_java d5/r0_java d5/r0
dance/fit/zumba/weightloss/danceburn/ses sion/model/MediaController.java dance/fit/zumba/weightloss/danceburn/vie w/picker/PickerLayoutManager.java e4/c.java e4/d.java e4/f.java

NO	ISSUE	SEVERITY	STANDARDS	f4/c.java F0/jFava
				g2/v.java g4/a0.java
				g4/c0.java
				g4/g.java
				g4/h.java
				g4/h0.java
				g4/n.java
				g4/o.java
				g4/r.java
				g4/w.java
				g4/x.java
				g4/y.java
				g5/j.java
				h/a.java
				h4/d.java
				h4/g.java
				h4/j.java
				h4/l.java
				h5/m.java
				i/a.java
				i2/a.java
				i5/a.java
				io/flutter/app/FlutterFragmentActivity.java
				io/flutter/embedding/android/FlutterActivity
				.java
				io/flutter/embedding/android/FlutterActivity
				AndFragmentDelegate.java
				io/flutter/embedding/android/FlutterFragm
				ent.java
				io/flutter/embedding/android/FlutterFragm
				entActivity.java
				io/flutter/embedding/android/FlutterImageV
				iew.java
				io/flutter/embedding/android/FlutterSurface
				View.java
				io/flutter/embedding/android/FlutterTextur
				eView.java
				io/flutter/embedding/android/FlutterView.ja
1				va

NO	ISSUE	SEVERITY	STANDARDS	io/flutter/embedding/android/KeyEmbedder FILES Responder.java
				io/flutter/embedding/android/KeyboardMa nager.java io/flutter/embedding/engine/FlutterEngineC onnectionRegistry.java io/flutter/embedding/engine/FlutterJNI.java io/flutter/embedding/engine/dart/DartExecu tor.java io/flutter/embedding/engine/dart/DartMess enger.java io/flutter/embedding/engine/deferredcomp onents/PlayStoreDeferredComponentManag er.java io/flutter/embedding/engine/loader/FlutterL oader.java io/flutter/embedding/engine/loader/Resour ceExtractor.java io/flutter/embedding/engine/plugins/util/Ge neratedPluginRegister.java io/flutter/embedding/engine/renderer/Flutt erRenderer.java io/flutter/embedding/engine/systemchannel s/KeyEventChannel.java io/flutter/embedding/engine/systemchannel s/RestorationChannel.java io/flutter/embedding/engine/systemchannel s/SettingsChannel.java io/flutter/plugin/platform/PlatformViewWra pper.java io/flutter/plugin/platform/PlatformViewWra pper.java io/flutter/plugin/platform/SingleViewPresen tation.java io/flutter/plugin/platform/p.java io/flutter/plugin/platform/p.java io/flutter/plugin/platform/p.java io/flutter/plugin/platform/p.java io/flutter/plugin/platform/p.java io/flutter/view/AccessibilityViewEmbedder.j ava io/flutter/view/AccessibilityViewEmbedder.j ava io/flutter/view/AccessibilityViewEmbedder.j

NO	ISSUE	SEVERITY	STANDARDS	j/c.java FILES J1/p.java
				jc/h.java
				k/a.java
				k0/a.java
				k2/a.java
				k3/a.java
				k4/a.java
				k9/b.java
				kc/d.java
				l1/i.java
				l3/b.java
				l3/c.java
				l4/d.java
				l4/e.java
				l5/y.java
				m/h.java
				m/i.java
				m3/a.java
				m4/c.java
				m9/a.java
				n2/d.java
				n2/f.java
				n2/i.java
				n3/c.java
				n3/f.java
				n4/b.java
				n4/d.java
				n4/e.java
				n6/a.java
				o/a.java
				o1/c.java
				o2/j.java
				org/extra/tools/a.java
				org/extra/tools/b.java
				org/libpag/HardwareDecoder.java
				org/libpag/PAGAnimator.java
				org/libpag/Tracelmage.java
				org/libpag/b.java
				org/slf4j/helpers/Util.java
				2/2 :2/2

NO	ISSUE	SEVERITY	STANDARDS	p3/1.java F1/E3va p7/a.java
				q/i.java
				q/j.java
				q2/a.java
				q2/c.java
				q3/c0.java
				q9/a.java
				r/e.java
				r/j.java
				r1/j.java
				r3/f.java
				r3/i.java
				r3/j.java
				s/a.java
				t/c.java
				t/d.java
				t/f.java
				t/t.java
				t/u.java
				t6/a.java
				t9/b.java
				t9/j.java
				tv/danmaku/ijk/media/player/ljkMediaCode
				cInfo.java
				tv/danmaku/ijk/media/player/ljkMediaPlaye
				r.java
				tv/danmaku/ijk/media/player/pragma/Debu
				gLog.java
				u1/a.java
				v/a.java
				v3/e.java
				w/c.java
				w/d.java
				w/j.java
				w/k.java
				w/o.java
				w/t.java
1				w0/a.java
				w2/a.java
				4/01

NO	ISSUE	SEVERITY	STANDARDS	x1/a0.java k4_b_is va y0/a.java
				y0/c.java z4/a.java
2	IP Address disclosure	warning	CWE: CWE-200: Information Exposure OWASP MASVS: MSTG-CODE-2	com/connectsdk/discovery/provider/ssdp/S SDPClient.java com/pili/pldroid/player/network/a.java com/pili/pldroid/player/report/common/a.j ava dance/fit/zumba/weightloss/danceburn/My App.java
3	App can read/write to External Storage. Any App can read data written to External Storage.	warning	CWE: CWE-276: Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/zhouyou/http/request/DownloadRequest.javacom/zhouyou/http/utils/RxUtil.javadance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.javaorg/libpag/PAGDiskCache.javau6/e.java
4	MD5 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	com/sensorsdata/analytics/android/sdk/vis ual/ViewSnapshot.java com/zhouyou/http/interceptor/CustomSignI nterceptor.java com/zhouyou/http/utils/HttpUtil.java
5	SHA-1 is a weak hash known to have hash collisions.	warning	CWE: CWE-327: Use of a Broken or Risky Cryptographic Algorithm OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-4	com/sensorsdata/analytics/android/sdk/adv ert/oaid/impl/OppoImpl.java d5/w.java org/java_websocket/drafts/Draft_6455.java z4/a.java
				com/bumptech/glide/load/engine/h.java com/connectsdk/device/DefaultConnectable DeviceStore.java com/connectsdk/service/capability/KeyCont rol.java

NO	ISSUE	SEVERITY	STANDARDS	com/connectsdk/service/config/WebOSTVSe FlibeS onfig.java com/connectsdk/service/sessions/WebOSW
6	Files may contain hardcoded sensitive information like usernames, passwords, keys etc.	warning	CWE: CWE-312: Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	ebAppSession.java com/sensorsdata/analytics/android/sdk/adv ert/utils/ChannelUtils.java com/sensorsdata/analytics/android/sdk/cor e/mediator/Modules.java com/sensorsdata/analytics/android/sdk/dat a/adapter/DbParams.java com/sensorsdata/analytics/android/sdk/enc rypt/biz/SecretKeyManager.java com/sensorsdata/analytics/android/sdk/enc rypt/impl/SAEncryptAPIImpl.java com/sensorsdata/analytics/android/sdk/plu gin/encrypt/AbstractStoreManager.java com/sensorsdata/analytics/android/sdk/plu gin/encrypt/SAStoreManager.java com/sensorsdata/analytics/android/sdk/plu gin/encrypt/SAStoreManager.java com/sensorsdata/analytics/android/sdk/use ridentity/Identities.java com/sensorsdata/analytics/android/sdk/util /SADataHelper.java com/zhouyou/http/interceptor/CustomSignI nterceptor.java io/flutter/embedding/android/FlutterActivity AndFragmentDelegate.java io/flutter/embedding/android/FlutterActivity LaunchConfigs.java io/flutter/embedding/engine/loader/Applica tionInfoLoader.java io/flutter/embedding/engine/loader/FlutterL oader.java io/flutter/embedding/engine/systemchannel s/SettingsChannel.java org/java_websocket/drafts/Draft_6455.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
7	App uses SQLite Database and execute raw SQL query. Untrusted user input in raw SQL queries can cause SQL Injection. Also sensitive information should be encrypted and written to the database.	warning	CWE: CWE-89: Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection') OWASP Top 10: M7: Client Code Quality	com/sensorsdata/analytics/android/sdk/dat a/OldBDatabaseHelper.java com/sensorsdata/analytics/android/sdk/dat a/SensorsDataDBHelper.java x1/j0.java x1/q0.java x1/t.java
8	The App uses an insecure Random Number Generator.	warning	CWE: CWE-330: Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	a3/y.java com/adjust/sdk/Util.java com/pili/pldroid/player/report/common/a.j ava dance/fit/zumba/weightloss/danceburn/pus h/MyFirebaseMessagingService.java dance/fit/zumba/weightloss/danceburn/ses sion/activity/BaseSessionPlayActivity.java dance/fit/zumba/weightloss/danceburn/ses sion/activity/SessionCompleteActivity.java dance/fit/zumba/weightloss/danceburn/tool s/notice/a.java g5/j.java jb/a.java jb/b.java kb/a.java
9	This App uses SSL certificate pinning to detect or prevent MITM attacks in secure communication channel.	secure	OWASP MASVS: MSTG-NETWORK-4	com/zhouyou/http/EasyHttp.java com/zhouyou/http/request/BaseRequest.jav a jc/c.java jc/d.java jc/g.java jc/h.java

NO	ISSUE	SEVERITY	STANDARDS	FILES
10	This App copies data to clipboard. Sensitive data should not be copied to clipboard as other applications can access it.	info	OWASP MASVS: MSTG-STORAGE-10	io/flutter/plugin/editing/b.java io/flutter/plugin/platform/c.java
11	The App uses the encryption mode CBC with PKCS5/PKCS7 padding. This configuration is vulnerable to padding oracle attacks.	high	CWE: CWE-649: Reliance on Obfuscation or Encryption of Security-Relevant Inputs without Integrity Checking OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-3	c3/a.java
12	Debug configuration enabled. Production builds must not be debuggable.	high	CWE: CWE-919: Weaknesses in Mobile Applications OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-RESILIENCE-2	com/connectsdk/BuildConfig.java
13	Insecure WebView Implementation. Execution of user controlled code in WebView is a critical Security Hole.	warning	CWE: CWE-749: Exposed Dangerous Method or Function OWASP Top 10: M1: Improper Platform Usage OWASP MASVS: MSTG-PLATFORM-7	com/sensorsdata/analytics/android/webvie w/impl/SAWebViewProtocolImpl.java

■ NIAP ANALYSIS v1.3

NO IDENTIFIER REQUIREMENT		RIPTION
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BEHAVIOUR ANALYSIS

RULE ID	BEHAVIOUR	LABEL	FILES
00022	Open a file from given absolute path of the file	file	com/pili/pldroid/player/report/core/b.java com/zhouyou/http/utils/RxUtil.java com/zhouyou/http/utils/ZipTool.java dance/fit/zumba/weightloss/danceburn/maintab/ClassesFragment.java dance/fit/zumba/weightloss/danceburn/maintab/DanceMainActivity.java dance/fit/zumba/weightloss/danceburn/maintab/lnAppPurchaseActivity.java dance/fit/zumba/weightloss/danceburn/maintab/activity/ForcedPurchaseActivity.java dance/fit/zumba/weightloss/danceburn/maintab/activity/ForcedPurchaseActivity 2.java dance/fit/zumba/weightloss/danceburn/maintab/activity/ForcedPurchaseActivity 3.java dance/fit/zumba/weightloss/danceburn/maintab/activity/ForcedPurchaseActivity 4.java dance/fit/zumba/weightloss/danceburn/maintab/activity/ForcedPurchaseActivity 8.java dance/fit/zumba/weightloss/danceburn/maintab/activity/ForcedPurchaseActivity 8.java dance/fit/zumba/weightloss/danceburn/maintab/view/VideoSplashView.java dance/fit/zumba/weightloss/danceburn/maintab/view/VideoSplashView.java dance/fit/zumba/weightloss/danceburn/oblos/crop/CoachSelectImagesActivity.java dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.java dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.java dance/fit/zumba/weightloss/danceburn/tools/s.java

RULE ID	BEHAVIOUR	LABEL	FILES
00163	Create new Socket and connecting to it	socket	com/adjust/sdk/network/ActivityPackageSender.java jc/b.java jc/h.java org/java_websocket/SSLSocketChannel2.java org/java_websocket/client/WebSocketClient.java
00191	Get messages in the SMS inbox	sms	com/adjust/sdk/a.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/MeizuImpl.java com/sensorsdata/analytics/android/sdk/advert/oaid/impl/VivoImpl.java dance/fit/zumba/weightloss/danceburn/tools/c.java
00036	Get resource file from res/raw directory	reflection	com/adjust/sdk/ActivityHandler.java com/adjust/sdk/InstallReferrerHuawei.java com/adjust/sdk/a.java com/pili/pldroid/player/common/Util.java com/pili/pldroid/player/network/a.java d5/e.java dance/fit/zumba/weightloss/danceburn/tools/e.java

RULE ID	BEHAVIOUR	LABEL	FILES
00063	Implicit intent(view a web page, make a phone call, etc.)	control	a3/v.java com/adjust/sdk/ActivityHandler.java com/adjust/sdk/PreinstallUtil.java com/pili/pldroid/player/network/a.java com/sensorsdata/analytics/android/sdk/util/NetworkUtils.java com/sensorsdata/analytics/android/sdk/visual/view/PairingCodeRequestHelper.j ava d5/e.java dance/fit/zumba/weightloss/danceburn/maintab/EditInfoActivity.java dance/fit/zumba/weightloss/danceburn/maintab/activity/SettingNotificationActivi ty.java dance/fit/zumba/weightloss/danceburn/maintab/fragment/BaseStatsFragment.ja va dance/fit/zumba/weightloss/danceburn/session/activity/SessionCompleteActivity. java dance/fit/zumba/weightloss/danceburn/tools/LinkJumpToPageManage.java dance/fit/zumba/weightloss/danceburn/tools/e.java dance/fit/zumba/weightloss/danceburn/tools/j.java

RULE ID	BEHAVIOUR	LABEL	FILES
00013	Read file and put it into a stream	file	bc/z.java com/adjust/sdk/PreinstallUtil.java com/bumptech/glide/integration/webp/WebpBitmapFactory.java com/bumptech/glide/load/a.java com/bumptech/glide/load/b.java com/sensorsdata/analytics/android/sdk/util/AppInfoUtils.java com/sensorsdata/analytics/android/sdk/util/FileUtils.java dance/fit/zumba/weightloss/danceburn/tools/w.java h4/g.java h5/e.java i/a.java l4/d.java org/extra/relinker/elf/i.java org/libpag/PAGFont.java t/f.java x6/g.java y0/c.java
00003	Put the compressed bitmap data into JSON object	camera	com/connectsdk/service/webos/WebOSTVDeviceService.java com/sensorsdata/analytics/android/sdk/visual/ViewSnapshot.java d5/r.java dance/fit/zumba/weightloss/danceburn/maintab/fragment/BaseStatsFragment.ja va
00209	Get pixels from the latest rendered image	collection	io/flutter/embedding/android/FlutterImageView.java
00210	Copy pixels from the latest rendered image into a Bitmap	collection	io/flutter/embedding/android/FlutterImageView.java
00077	Read sensitive data(SMS, CALLLOG, etc)	collection sms calllog calendar	com/sensorsdata/analytics/android/sdk/data/SAProviderHelper.java com/sensorsdata/analytics/android/sdk/data/adapter/DataOperation.java o/a.java

RULE ID	BEHAVIOUR	LABEL	FILES
00051	Implicit intent(view a web page, make a phone call, etc.) via setData	control	a3/v.java com/sensorsdata/analytics/android/sdk/visual/view/PairingCodeRequestHelper.j ava d5/e.java dance/fit/zumba/weightloss/danceburn/maintab/activity/SettingNotificationActivi ty.java dance/fit/zumba/weightloss/danceburn/tools/LinkJumpToPageManage.java dance/fit/zumba/weightloss/danceburn/tools/e.java dance/fit/zumba/weightloss/danceburn/tools/j.java
00005	Get absolute path of file and put it to JSON object	file	com/pili/pldroid/player/report/core/b.java dance/fit/zumba/weightloss/danceburn/maintab/DanceMainActivity.java h4/g.java
00096	Connect to a URL and set request method	command network	com/pili/pldroid/player/report/core/e.java com/sensorsdata/analytics/android/sdk/AnalyticsMessages.java com/sensorsdata/analytics/android/sdk/advert/utils/SAAdvertUtils.java com/sensorsdata/analytics/android/sdk/dialog/SensorsDataDialogUtils.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java o1/c.java org/libpag/b.java p3/o.java
00089	Connect to a URL and receive input stream from the server	command network	com/bumptech/glide/load/data/j.java com/pili/pldroid/player/report/core/e.java com/sensorsdata/analytics/android/sdk/AnalyticsMessages.java com/sensorsdata/analytics/android/sdk/advert/utils/SAAdvertUtils.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java o1/c.java org/libpag/b.java p3/o.java

RULE ID	BEHAVIOUR	LABEL	FILES
00109	Connect to a URL and get the response code	network command	com/bumptech/glide/load/data/j.java com/pili/pldroid/player/report/core/e.java com/sensorsdata/analytics/android/sdk/AnalyticsMessages.java com/sensorsdata/analytics/android/sdk/advert/utils/SAAdvertUtils.java com/sensorsdata/analytics/android/sdk/dialog/SensorsDataDialogUtils.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java o1/c.java org/libpag/b.java p3/o.java
00091	Retrieve data from broadcast	collection	com/sensorsdata/analytics/android/sdk/aop/push/PushAutoTrackHelper.java d5/o.java d5/z.java
00009	Put data in cursor to JSON object	file	com/sensorsdata/analytics/android/sdk/data/adapter/EncryptDataOperation.java com/sensorsdata/analytics/android/sdk/data/adapter/EventDataOperation.java com/sensorsdata/analytics/android/sdk/data/adapter/PersistentDataOperation.ja va
00094	Connect to a URL and read data from it command network		com/pili/pldroid/player/report/core/e.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java k4/a.java org/libpag/b.java p3/o.java
00108	Read the input stream from given URL	network command	com/pili/pldroid/player/report/core/e.java com/sensorsdata/analytics/android/sdk/visual/AbstractViewCrawler.java org/libpag/b.java p3/o.java
00012	Read data and put it into a buffer stream	file	com/bumptech/glide/integration/webp/WebpBitmapFactory.java com/sensorsdata/analytics/android/sdk/util/FileUtils.java

RULE ID	BEHAVIOUR	LABEL	FILES
00030	Connect to the remote server through the given URL	network	com/adjust/sdk/AdjustLinkResolution.java com/bumptech/glide/load/data/j.java com/sensorsdata/analytics/android/sdk/network/RealRequest.java org/libpag/b.java p3/o.java
00130	Get the current WIFI information	wifi collection	com/connectsdk/core/Util.java com/pili/pldroid/player/report/common/a.java com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00112	Get the date of the calendar event	collection calendar	dance/fit/zumba/weightloss/danceburn/tools/m.java
00161	Perform accessibility service action on accessibility node info	accessibility service	io/flutter/view/AccessibilityBridge.java io/flutter/view/AccessibilityViewEmbedder.java
00173	Get bounds in screen of an AccessibilityNodeInfo and perform action	accessibility service	io/flutter/view/AccessibilityViewEmbedder.java
00104	Check if the given path is directory file		io/flutter/embedding/engine/deferredcomponents/PlayStoreDeferredComponent Manager.java
00078	Get the network operator name collection telephony		com/pili/pldroid/player/report/common/a.java
00076	Get the current WiFi information and put it into JSON collection wifi		com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java dance/fit/zumba/weightloss/danceburn/MyApp.java
00162	Create InetSocketAddress object and connecting to it	socket	jc/b.java jc/h.java org/java_websocket/client/WebSocketClient.java

RULE ID	BEHAVIOUR	LABEL	FILES
00034	Query the current data network type	collection network	com/sensorsdata/analytics/android/sdk/util/NetworkUtils.java
00062	Query WiFi information and WiFi Mac Address	wifi collection	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00033	Query the IMEI number	collection	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00116	Get the current WiFi MAC address and put it into JSON	wifi collection	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00083	Query the IMEI number	collection telephony	com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00082	Get the current WiFi MAC address collection wifi		com/sensorsdata/analytics/android/sdk/util/SensorsDataUtils.java
00132	Query The ISO country code telephony collection		p3/m.java
00014	Read file into a stream and put it into a JSON object	file	h4/g.java
00189	Get the content of a SMS message	sms	dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.jav a
00188	Get the address of a SMS message	sms	dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.jav a
00121	Create a directory	file command	dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.jav a

RULE ID	BEHAVIOUR	LABEL	FILES
00125	Check if the given file path exist	file	dance/fit/zumba/weightloss/danceburn/maintab/DanceMainActivity.java dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.jav a
00200	Query data from the contact list	collection contact	dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.jav a
00187	Query a URI and check the result	collection sms calllog calendar	dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.jav a
00201	Query data from the call log	collection calllog	dance/fit/zumba/weightloss/danceburn/tools/crop/CoachSelectImagesActivity.jav a
00028	Read file from assets directory	file	io/flutter/embedding/engine/loader/ResourceExtractor.java

FIREBASE DATABASES ANALYSIS

TITLE	SEVERITY	DESCRIPTION
Firebase Remote Config enabled	warning	The Firebase Remote Config at https://firebaseremoteconfig.googleapis.com/v1/projects/460765977729/namespaces/firebase:fetch? key=AlzaSyBZe-0Q2mE07KqYutza3GZNP3pMeadq-9M is enabled. Ensure that the configurations are not sensitive. This is indicated by the response: {'entries': {'country_code': '1'}, 'state': 'UPDATE', 'templateVersion': '2'}

***: ::** ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	9/25	android.permission.INTERNET, android.permission.ACCESS_NETWORK_STATE, android.permission.ACCESS_WIFI_STATE, android.permission.READ_EXTERNAL_STORAGE, android.permission.CAMERA, android.permission.WRITE_EXTERNAL_STORAGE, android.permission.WAKE_LOCK, android.permission.RECEIVE_BOOT_COMPLETED, android.permission.READ_PHONE_STATE
Other Common Permissions	5/44	com.google.android.gms.permission.AD_ID, android.permission.READ_CALENDAR, android.permission.FOREGROUND_SERVICE, com.google.android.c2dm.permission.RECEIVE, com.google.android.finsky.permission.BIND_GET_INSTALL_REFERRER_SERVICE

Malware Permissions:

Top permissions that are widely abused by known malware.

Other Common Permissions:

Permissions that are commonly abused by known malware.

• OFAC SANCTIONED COUNTRIES

This app may communicate with the following OFAC sanctioned list of countries.

DOMAIN	COUNTRY/REGION	
play-pili-qos-report.qiniuapi.com	IP: 110.242.48.56 Country: China Region: Hebei City: Baoding	
otheve.beacon.qq.com	IP: 129.226.103.123 Country: Hong Kong Region: Hong Kong City: Hong Kong	

DOMAIN	COUNTRY/REGION
misc-pili-qos-report.qiniuapi.com	IP: 110.242.48.56 Country: China Region: Hebei City: Baoding

Q DOMAIN MALWARE CHECK

DOMAIN	STATUS	GEOLOCATION
app.eu.adjust.com	ok	IP: 185.151.204.60 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
gdpr.adjust.world	ok	IP: 185.151.204.40 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
gdpr.tr.adjust.com	ok	IP: 195.244.54.7 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map
img.dailyyoga.com	ok	IP: 54.80.100.196 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
play-pili-qos-report.qiniuapi.com	ok	IP: 110.242.48.56 Country: China Region: Hebei City: Baoding Latitude: 38.851109 Longitude: 115.490280 View: Google Map
www.dancefit.me	ok	IP: 18.238.96.7 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
otheve.beacon.qq.com	ok	IP: 129.226.103.123 Country: Hong Kong Region: Hong Kong City: Hong Kong Latitude: 22.285521 Longitude: 114.157692 View: Google Map
app.adjust.com	ok	IP: 185.151.204.13 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
www.sec.co.kr	ok	IP: 112.106.187.200 Country: Korea (Republic of) Region: Seoul-teukbyeolsi City: Seoul Latitude: 37.568260 Longitude: 126.977829 View: Google Map
subscription.tr.adjust.com	ok	IP: 195.244.54.5 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map

DOMAIN	STATUS	GEOLOCATION
gdpr.adjust.com	ok	IP: 185.151.204.51 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
subscription.adjust.world	ok	IP: 185.151.204.44 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
play.google.com	ok	IP: 142.250.74.142 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
www.w3.org	ok	IP: 104.18.22.19 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map

DOMAIN	STATUS	GEOLOCATION
schemas.xmlsoap.org	ok	IP: 13.107.246.71 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
github.com	ok	IP: 140.82.114.4 Country: United States of America Region: California City: San Francisco Latitude: 37.775700 Longitude: -122.395203 View: Google Map
manual.sensorsdata.cn	ok	IP: 47.246.23.178 Country: United States of America Region: California City: San Jose Latitude: 37.339390 Longitude: -121.894958 View: Google Map
developer.android.com	ok	IP: 142.250.74.174 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
www.slf4j.org	ok	IP: 31.97.181.89 Country: United Kingdom of Great Britain and Northern Ireland Region: England City: Bowness-on-Windermere Latitude: 54.363312 Longitude: -2.918590 View: Google Map
gdpr.eu.adjust.com	ok	IP: 185.151.204.60 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
subscription.eu.adjust.com	ok	IP: 185.151.204.60 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
api.dancefit.me	ok	IP: 18.238.109.86 Country: United States of America Region: Washington City: Seattle Latitude: 47.627499 Longitude: -122.346199 View: Google Map

DOMAIN	STATUS	GEOLOCATION
gdpr.us.adjust.com	ok	IP: 185.151.204.70 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
misc-pili-qos-report.qiniuapi.com	ok	IP: 110.242.48.56 Country: China Region: Hebei City: Baoding Latitude: 38.851109 Longitude: 115.490280 View: Google Map
subscription.adjust.net.in	ok	IP: 185.151.204.34 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
app.adjust.world	ok	IP: 185.151.204.42 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

Т

DOMAIN	STATUS	GEOLOCATION
www.pv.com	ok	IP: 86.105.245.69 Country: Netherlands Region: Noord-Holland City: Amsterdam Latitude: 52.374031 Longitude: 4.889690 View: Google Map
subscription.us.adjust.com	ok	IP: 185.151.204.70 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
app.tr.adjust.com	ok	IP: 195.244.54.44 Country: Turkey Region: Izmir City: Izmir Latitude: 38.412731 Longitude: 27.138380 View: Google Map
gdpr.adjust.net.in	ok	IP: 185.151.204.30 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map

DOMAIN	STATUS	GEOLOCATION
app.us.adjust.com	ok	IP: 185.151.204.70 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
ns.adobe.com	ok	No Geolocation information available.
dev.dailyyoga.com	ok	IP: 34.193.83.103 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.043720 Longitude: -77.487488 View: Google Map
docs.flutter.dev	ok	IP: 199.36.158.100 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map
purl.org	ok	IP: 207.241.225.157 Country: United States of America Region: California City: San Francisco Latitude: 37.781734 Longitude: -122.459435 View: Google Map

DOMAIN	STATUS	GEOLOCATION
schemas.android.com	ok	No Geolocation information available.
subscription.adjust.com	ok	IP: 185.151.204.52 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map
xmlpull.org	ok	IP: 185.199.110.153 Country: United States of America Region: Pennsylvania City: California Latitude: 40.065632 Longitude: -79.891708 View: Google Map
en.wikipedia.org	ok	IP: 198.35.26.96 Country: United States of America Region: California City: San Francisco Latitude: 37.791256 Longitude: -122.400810 View: Google Map
app.adjust.net.in	ok	IP: 185.151.204.32 Country: United States of America Region: Arizona City: Phoenix Latitude: 33.448380 Longitude: -112.074043 View: Google Map



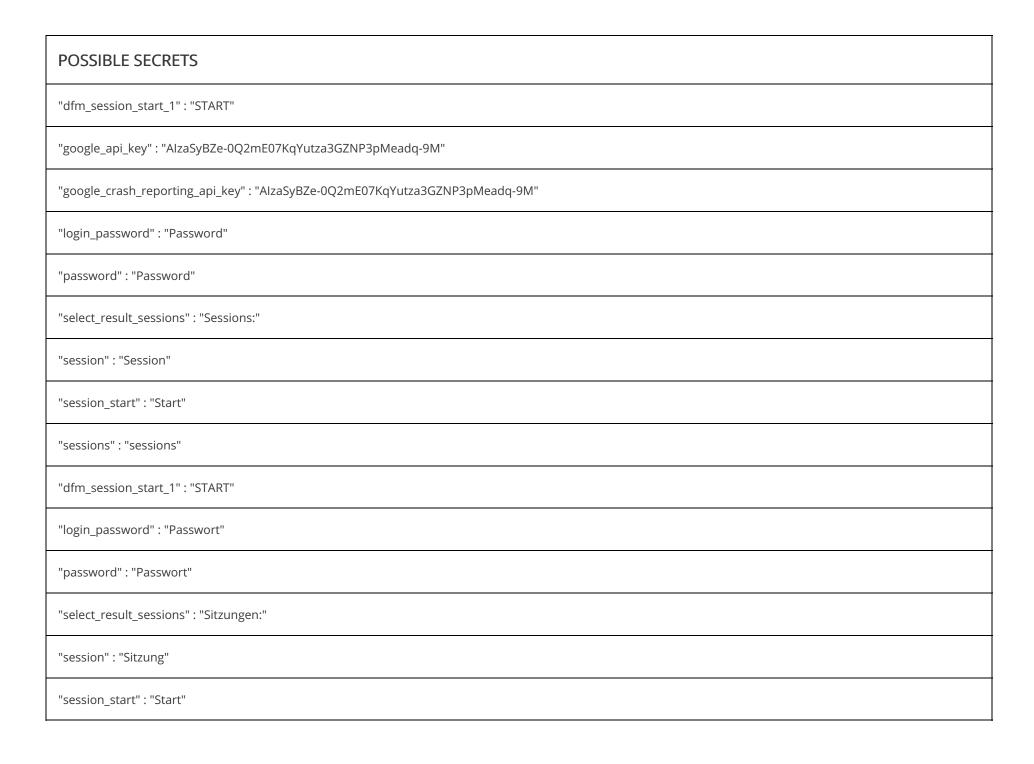
EMAIL	FILE
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	Android String Resource

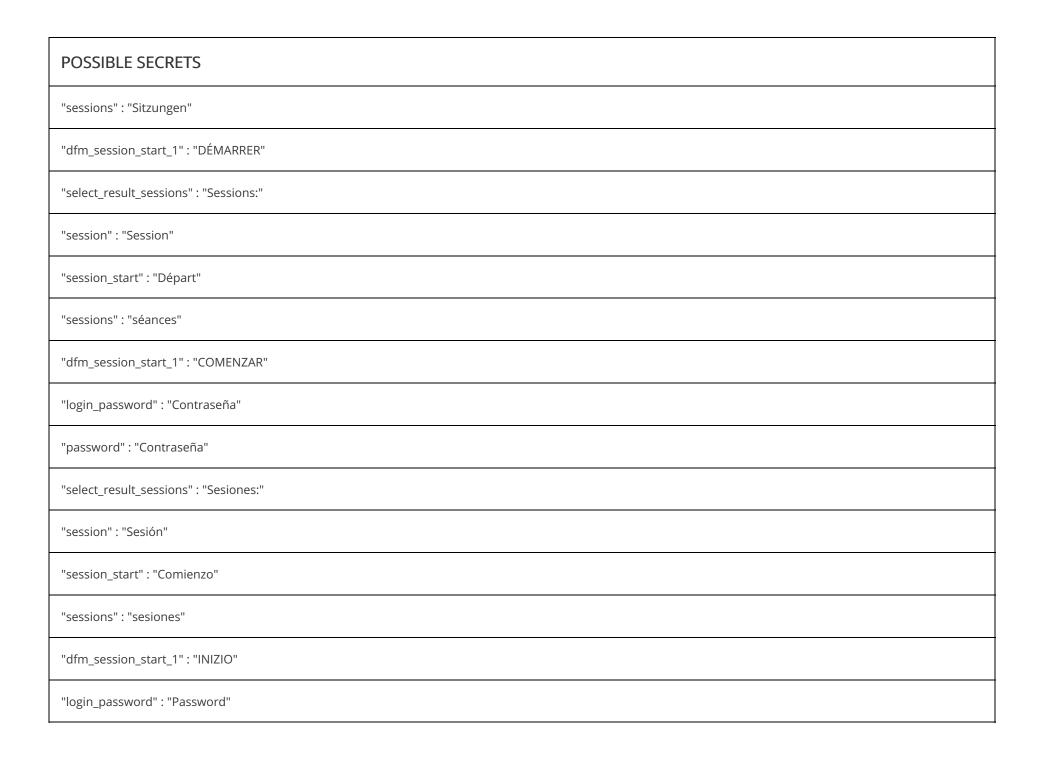
A TRACKERS

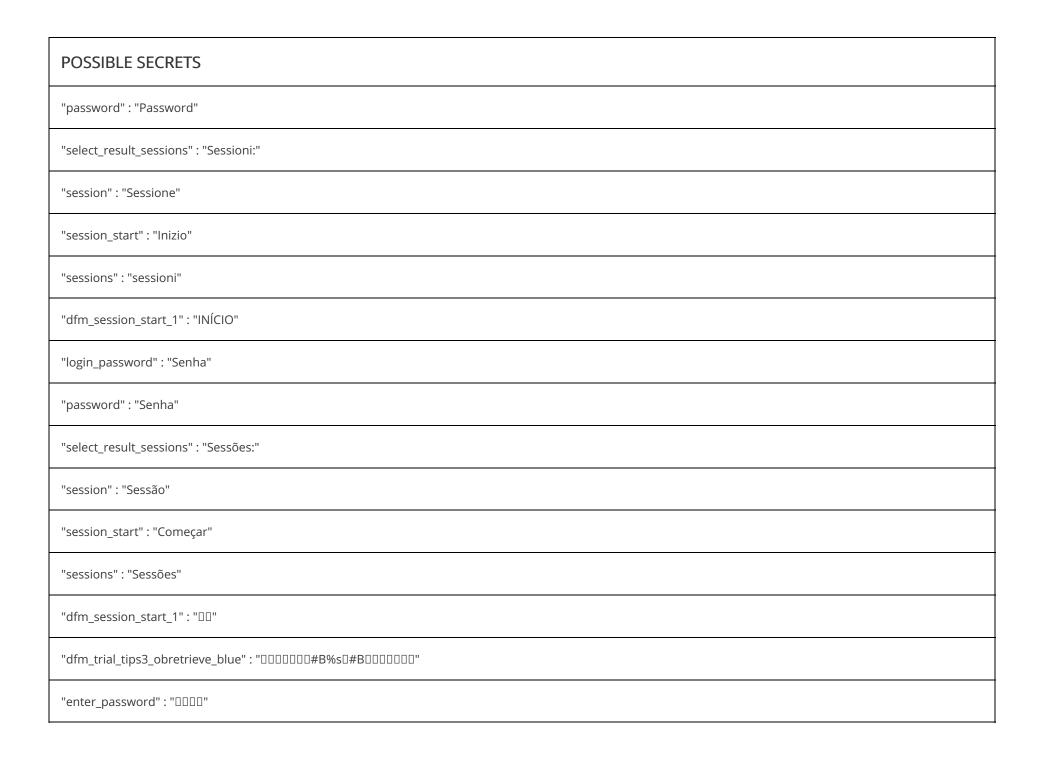
TRACKER	CATEGORIES	URL
Adjust	Analytics	https://reports.exodus-privacy.eu.org/trackers/52
Google CrashLytics	Crash reporting	https://reports.exodus-privacy.eu.org/trackers/27
Google Firebase Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/49
Sensors Analytics	Analytics	https://reports.exodus-privacy.eu.org/trackers/248

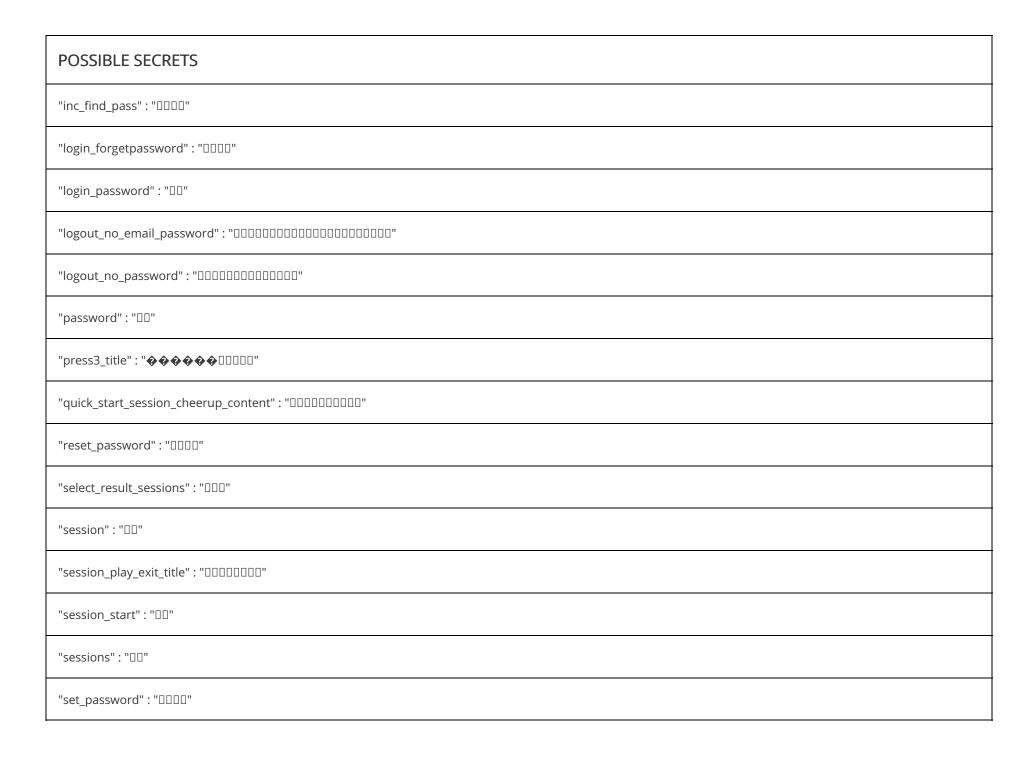
▶ HARDCODED SECRETS

POSSIBLE SECRETS









POSSIBLE SECRETS 5181942b9ebc31ce68dacb56c16fd79f 8e8c69d523213083d856bb24d9022b91 6d85ce851054c1455f23aa8285c4c970 ChNjb20uYW5kcm9pZC52ZW5kaW5nCiBjb20uZ29vZ2xlLmFuZHJvaWQuYXBwcy5tZWV0aW5ncwohY29tLmdvb2dsZS5hbmRyb2lkLmFwcHMubWVzc2FnaW5n ae2044fb577e65ee8bb576ca48a2f06e edef8ba9-79d6-4ace-a3c8-27dcd51d21ed 258EAFA5-E914-47DA-95CA-C5AB0DC85B11 470fa2b4ae81cd56ecbcda9735803434cec591fa n6uU8wPBqzMdqFpPcubedIOmh4nNa2sNkfvMkbR4Pk/YupsDpic56dMxX0Twvg6SiaKGjv8NO9Lcv 30820268308201d102044a9c4610300d06092a864886f70d0101040500307a310b3009060355040613025553310b300906035504081302434131123010060355040713 0950616c6f20416c746f31183016060355040a130f46616365626f6f6b204d6f62696c653111300f060355040b130846616365626f6f6b311d301b06035504031314466163 65626f6f6b20436f72706f726174696f6e3020170d3039303833313231353231365a180f32303530303932353231353231365a307a310b3009060355040613025553310b 3009060355040813024341311230100603550407130950616c6f20416c746f31183016060355040a130f46616365626f6f6b204d6f62696c653111300f060355040b13084 6616365626f6f6b311d301b0603550403131446616365626f6f6b20436f72706f726174696f6e30819f300d06092a864886f70d010101050003818d0030818902818100c2 07d51df8eb8c97d93ba0c8c1002c928fab00dc1b42fca5e66e99cc3023ed2d214d822bc59e8e35ddcf5f44c7ae8ade50d7e0c434f500e6c131f4a2834f987fc46406115de20 18ebbb0d5a3c261bd97581ccfef76afc7135a6d59e8855ecd7eacc8f8737e794c60a761c536b72b11fac8e603f5da1a2d54aa103b8a13c0dbc10203010001300d06092a864 886f70d0101040500038181005ee9be8bcbb250648d3b741290a82a1c9dc2e76a0af2f2228f1d9f9c4007529c446a70175c5a900d5141812866db46be6559e2141616483 998211f4a673149fb2232a10d247663b26a9031e15f84bc1c74d141ff98a02d76f85b2c8ab2571b6469b232d8e768a7f7ca04f7abe4a775615916c07940656b58717457b4 2bd928a2

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> PLAYSTORE INFORMATION

Title: Dancefitme: Fun Workouts

Score: 4.2828946 Installs: 10,000,000+ Price: 0 Android Version Support: Category: Health & Fitness Play Store URL: dance.fit.zumba.weightloss.danceburn

Developer Details: TechPionners Team, 8429985153700026319, None, http://dancefit.me, support@dancefit.me,

Release Date: Apr 13, 2022 Privacy Policy: Privacy link

Description:

DanceFitme provides energetic dance workouts and cardio for weight loss everywhere! Get motivated with hip-hop-inspired fitness and our exclusive 4-week workout plans. Sweat and have fun with Dancefitme which contains workouts from beginner to advanced with popular music! WITH DanceFitme YOU'LL GET: - Get an exclusive 28day personalized dance challenge, start anywhere and anytime - Connect your dance workouts directly to your TV Experience to enjoy a higher-quality experience - Hiphop, aerobics, jazz, Latin, salsa, Kpop, walking dance, and other dance styles, make exercising easy and enjoyable - Become slim, sexy, and happy all in just one app Dance Workouts Styles include: >> Aerobics >> Dance Fitness >> Hiphop >> Salsa >> K-pop >> |azz >> Latin >> Walking Dance and more to be explored... Every small step counts for transforming your body, so start moving by downloading the DanceFitme app! - A dance workouts app for weight loss - Numerous beginner dance workouts for choosing freely - Professional dancer team creates dance workouts and customizes the 28-day plan based on your fitness level - Break a sweat with dance workouts at home DanceFitme provides a new fashionable and efficient way to lose weight in 2025. As DanceFitme knows the traditional workout is boring and hard to commit to, you will say goodbye to boring routines and follow us to lose weight efficiently and joyfully. DanceFitme took more than 2 years to continuously develop programs with the right intensity, music, dance styles, and movements aimed at weight loss and burning calories. Whether you have danced before, DanceFitme will help you lose weight more energetically and efficiently. You never need to be skilled at dance, cause each workout is easy to follow.

[Follow the popular music DanceFitme selected] and move your body with the dance bit. Just in a song, you can burn about 100 calories while having fun with the pumped-up tunes and energetic moves. 5 MAJOR BENEFITS YOU'LL GET: - POPULAR QUICK WEIGHT LOSS DANCE STYLES Aerobics, salsa, Kpop, walking dance, and more specially designed dance &fitness workouts. Over 300+ songs and programs in the DanceFitme app. - PERSONALIZED DANCE WORKOUTS PLAN DanceFitme tailors your dance workout plan according to your current body status, weight loss goals, and the areas where you want to improve. With our 4-week dance plan, you are more likely to keep on track. - FOR ANY LEVEL Whether you're a newbie or a pro, you will find suitable programs or workouts in this Dance app with simple and clear instructions. Everyone may be at a different level, the great thing is that you are working out. - FOR ALL BODY PARTS Dance workouts are designed by fitness and dance experts to help you achieve your goals. You can select the full body, or specific parts such as abs, butt, back, or legs, to make your practice more targeted. - AUTOMATED DATA TRACKING Track your progress to motivate yourself and reach new fitness goals. You can view calories burned and total practice time in DanceFitme. Progress tracking can motivate you to reach new dance fitness levels and get your dream body! * All payments will be made through your Google Account and may be managed under Account Settings after the initial payment. Subscription payments will automatically renew unless deactivated at least 24 hours before the end of the current cycle. Your account will be charged for renewal at least 24 hours before the end of the current cycle. Any unused portion of your free trial will be forfeited upon payment. Cancellations are incurred by disabling auto-renewal. CONTACT & INFO Email: support@dancefit.me Privacy Policy: https://www.dancefit.me/privacy-policy.html Terms of Use Agreement: https://www.dancefit.me/terms-of-use.html FOLLOW US Facebook: https://www.facebook.com/profile.php?id=100081953393070 Instagram: https://www.instagram.com/dancefitme



Timestamp	Event	Error
2025-09-01 12:57:05	Generating Hashes	ОК
2025-09-01 12:57:05	Extracting APK	ОК
2025-09-01 12:57:05	Unzipping	ОК
2025-09-01 12:57:06	Parsing APK with androguard	ОК
2025-09-01 12:57:06	Extracting APK features using aapt/aapt2	ОК
2025-09-01 12:57:06	Getting Hardcoded Certificates/Keystores	OK
2025-09-01 12:57:10	Parsing AndroidManifest.xml	OK
2025-09-01 12:57:10	Extracting Manifest Data	OK
2025-09-01 12:57:10	Manifest Analysis Started	ОК
2025-09-01 12:57:10	Reading Network Security config from network_security_config.xml	ОК

2025-09-01 12:57:10	Parsing Network Security config	ОК
2025-09-01 12:57:10	Performing Static Analysis on: DanceFitme (dance.fit.zumba.weightloss.danceburn)	ОК
2025-09-01 12:57:12	Fetching Details from Play Store: dance.fit.zumba.weightloss.danceburn	ОК
2025-09-01 12:57:13	Checking for Malware Permissions	ОК
2025-09-01 12:57:13	Fetching icon path	ОК
2025-09-01 12:57:13	Library Binary Analysis Started	ОК
2025-09-01 12:57:13	Reading Code Signing Certificate	ОК
2025-09-01 12:57:14	Running APKiD 2.1.5	ОК
2025-09-01 12:57:19	Detecting Trackers	ОК
2025-09-01 12:57:21	Decompiling APK to Java with JADX	OK
2025-09-01 12:57:36	Converting DEX to Smali	OK

2025-09-01 12:57:36	Code Analysis Started on - java_source	ОК
2025-09-01 12:57:40	Android SBOM Analysis Completed	ОК
2025-09-01 12:57:44	Android SAST Completed	ОК
2025-09-01 12:57:44	Android API Analysis Started	ОК
2025-09-01 12:57:47	Android API Analysis Completed	ОК
2025-09-01 12:57:48	Android Permission Mapping Started	ОК
2025-09-01 12:57:51	Android Permission Mapping Completed	ОК
2025-09-01 12:57:52	Android Behaviour Analysis Started	ОК
2025-09-01 12:57:57	Android Behaviour Analysis Completed	ОК
2025-09-01 12:57:57	Extracting Emails and URLs from Source Code	ОК
2025-09-01 12:58:00	Email and URL Extraction Completed	ОК

2025-09-01 12:58:00	Extracting String data from APK	OK
2025-09-01 12:58:01	Extracting String data from Code	OK
2025-09-01 12:58:01	Extracting String values and entropies from Code	ОК
2025-09-01 12:58:04	Performing Malware check on extracted domains	ОК
2025-09-01 12:58:08	Saving to Database	ОК

Report Generated by - MobSF v4.4.0

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.

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