



ANDROID STATIC ANALYSIS REPORT



 MTB (2.0.3)

File Name:	mtb-smart-banking_2.0.3.apk
Package Name:	com.mtb.mobilebanking
Average CVSS Score:	6.2
App Security Score:	15/100 (CRITICAL RISK)



FILE INFORMATION

File Name: mtb-smart-banking_2.0.3.apk

Size: 6.47MB

MD5: 4165b28ed8a0b6d0d09f538ca120aab2

SHA1: 8ca3a0ddc6d131c1ffae52142b4b62125cff0fa7

SHA256: 8ef215b2a76c527f0a95d44225382b28f86e1713b2ec0d7f9073bd308342d676



APP INFORMATION

App Name: MTB

Package Name: com.mtb.mobilebanking

Main Activity: com.mtb.mobilebanking.MainSplash

Target SDK: 28

Min SDK: 16

Max SDK:

Android Version Name: 2.0.3

Android Version Code: 133



APP COMPONENTS

Activities: 24

Services: 0

Receivers: 1

Providers: 1

Exported Activities: 0

Exported Services: 0

Exported Receivers: 0

Exported Providers: 0



CERTIFICATE INFORMATION

APK is signed

v1 signature: True

v2 signature: True

v3 signature: False

Found 1 unique certificates

Subject: C=bd, ST=Dhaka, L=Dhaka, O=Mutual Trust Bank Ltd., OU=ADC, CN=ADC ADMIN

Signature Algorithm: rsassa_pkcs1v15

Valid From: 2013-09-22 12:22:30+00:00

Valid To: 2041-02-07 12:22:30+00:00

Issuer: C=bd, ST=Dhaka, L=Dhaka, O=Mutual Trust Bank Ltd., OU=ADC, CN=ADC ADMIN

Serial Number: 0xeae1342

Hash Algorithm: sha256

md5: 1e6d23e145589d834cd5db602b274025

sha1: a73f5a535ba7bb3918ba33a25c522868214dd0e6

sha256: 7d2b7455dd093d171ab3c30932130eb41546c52d431f3671e2f734484cdb3009

sha512:

9bfe8096ae09f60593d1d903baea5ba77db3362984509dfd9e1f01dd2381e18d0d59ccaeb880190d008a034cdcbc23911d5dab41bb966aa20eaa48d101f5273cf

PublicKey Algorithm: rsa

Bit Size: 2048

Fingerprint: dde7c23e2adc0379bfc1d6456f5c110b476cf7f0fd8b27a21abdce8975f7874a

Certificate Status: **Good**

Description: Certificate looks good.

≡ APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
com.mtb.mobilebanking.permission.MAPS_RECEIVE	dangerous	Unknown permission from android reference	Unknown permission from android reference
android.permission.INTERNET	dangerous	full Internet access	Allows an application to create network sockets.
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete SD card contents	Allows an application to write to the SD card.
android.permission.READ_EXTERNAL_STORAGE	dangerous	read SD card contents	Allows an application to read from SD Card.
android.permission.WRITE_INTERNAL_STORAGE	dangerous	Unknown permission from android reference	Unknown permission from android reference
android.permission.READ_INTERNAL_STORAGE	dangerous	Unknown permission from android reference	Unknown permission from android reference
android.permission.ACCESS_COARSE_LOCATION	dangerous	coarse (network-based) location	Access coarse location sources, such as the mobile network database, to determine an approximate phone location, where available. Malicious applications can use this to determine approximately where you are.
android.permission.ACCESS_FINE_LOCATION	dangerous	fine (GPS) location	Access fine location sources, such as the Global Positioning System on the phone, where available. Malicious applications can use this to determine where you are and may consume additional battery power.
android.permission.ACCESS_NETWORK_STATE	normal	view network status	Allows an application to view the status of all networks.
android.permission.READ_PHONE_STATE	dangerous	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.
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.

FILE	DETAILS	
classes.dex	FINDINGS	DETAILS
	Obfuscator	unreadable field names unreadable method names
	Compiler	dx

MANIFEST ANALYSIS

ISSUE	SEVERITY	DESCRIPTION
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CODE ANALYSIS

ISSUE	SEVERITY	STANDARDS	FILES
This App uses Java Hash Code. It's a weak hash function and should never be used in Secure Crypto Implementation.	warning	CVSS V2: 2.3 (low) CWE: CWE-327 - Use of a Broken or Risky Cryptographic Algorithm OWASP MASVS: MSTG-CRYPTO-4	com/visa/mvisa/C0038.java com/visa/mvisa/C0037.java com/visa/mvisa/C0034.java com/visa/mvisa/QRCodeTag.java com/visa/mvisa/tlvparser/QRCodeData.java com/mtb/mobilebanking/FileCache.java com/squareup/picasso/q.java com/tbruyelle/rxpermissions2/Permission.java io/reactivex/Notification.java io/reactivex/internal/functions/ObjectHelper.java io/reactivex/internal/util/OpenHashSet.java io/reactivex/internal/util/NotificationLite.java io/reactivex/internal/util/VolatileSizeArrayList.java io/reactivex/schedulers/Timer.java org/joda/money/CurrencyUnit.java org/joda/money/Money.java org/joda/money/BigMoney.java org/joda/money/format/MoneyAmountStyle.java org/jsoup/nodes/Attribute.java org/jsoup/parser/Tag.java org/jsoup/parser/a.java org/jsoup/safety/Whitelist.java org/ksoap2/serialization/SoapPrimitive.java

ISSUE	SEVERITY	STANDARDS	FILES
Files may contain hardcoded sensitive informations like usernames, passwords, keys etc.	high	CVSS V2: 7.4 (high) CWE: CWE-312 - Cleartext Storage of Sensitive Information OWASP Top 10: M9: Reverse Engineering OWASP MASVS: MSTG-STORAGE-14	com/mtb/mobilebanking/DatabaseHandler.java com/mtb/mobilebanking/Definitions.java com/mtb/mobilebanking/billpayment/BillPayConfirmationbanglalion.java com/mtb/mobilebanking/billpayment/BillPayConfirmationqubee.java com/mtb/mobilebanking/cards/CardBillPayConfirmation.java com/mtb/mobilebanking/mobilerecharge/MobileBillPayConfirmation.java org/jsoup/nodes/DocumentType.java
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.	high	CVSS V2: 5.9 (medium) CWE: CWE-89 - Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection') OWASP Top 10: M7: Client Code Quality	com/mtb/mobilebanking/DatabaseHandler.java
App can read/write to External Storage. Any App can read data written to External Storage.	high	CVSS V2: 5.5 (medium) CWE: CWE-276 - Incorrect Default Permissions OWASP Top 10: M2: Insecure Data Storage OWASP MASVS: MSTG-STORAGE-2	com/mtb/mobilebanking/FileCache.java
The App uses an insecure Random Number Generator.	high	CVSS V2: 7.5 (high) CWE: CWE-330 - Use of Insufficiently Random Values OWASP Top 10: M5: Insufficient Cryptography OWASP MASVS: MSTG-CRYPTO-6	com/mtb/mobilebanking/FindMTBMerchants.java com/mtb/mobilebanking/FindMTBLocation.java com/mtb/mobilebanking/LoginActivity.java org/jsoup/helper/DataUtil.java org/kobjects/crypt/Crypt.java
Insecure WebView Implementation. WebView ignores SSL Certificate errors and accept any SSL Certificate. This application is vulnerable to MITM attacks	high	CVSS V2: 7.4 (high) CWE: CWE-295 - Improper Certificate Validation OWASP Top 10: M3: Insecure Communication OWASP MASVS: MSTG-NETWORK-3	com/mtb/mobilebanking/PrivilegeDetailsActivity.java
The App logs information. Sensitive information should never be logged.	info	CVSS V2: 7.5 (high) CWE: CWE-532 - Insertion of Sensitive Information into Log File OWASP MASVS: MSTG-STORAGE-3	com/mtb/mobilebanking/NewLoginActivity.java com/mtb/mobilebanking/PinVerification.java com/mtb/mobilebanking/qrpagement/ScanQRFragment.java com/squareup/picasso/StatsSnapshot.java com/squareup/picasso/v.java com/tbruyelle/rxpermissions2/RxPermissionsFragment.java org/kobjects/crypt/Crypt.java

DOMAIN	STATUS	GEOLOCATION
mbank.mutualtrustbank.com	good	IP: 124.109.106.39 Country: Bangladesh Region: Dhaka City: Dhaka Latitude: 23.7104 Longitude: 90.40744 View: Google Map
www.wireless-village.org	good	IP: 104.28.30.61 Country: United States of America Region: California City: San Francisco Latitude: 37.7757 Longitude: -122.395203 View: Google Map
www.w3.org	good	IP: 128.30.52.100 Country: United States of America Region: Massachusetts City: Cambridge Latitude: 42.365078 Longitude: -71.104523 View: Google Map
tempuri.org	good	IP: 104.215.95.187 Country: United States of America Region: Texas City: San Antonio Latitude: 29.42412 Longitude: -98.493629 View: Google Map
xmlpull.org	good	IP: 74.50.62.60 Country: United States of America Region: Texas City: Dallas Latitude: 32.814899 Longitude: -96.879204 View: Google Map
www.openmobilealliance.org	good	IP: 104.26.8.105 Country: United States of America Region: California City: San Francisco Latitude: 37.7757 Longitude: -122.395203 View: Google Map
high-decoder-126406.firebaseio.com	good	IP: 35.201.97.85 Country: United States of America Region: California City: Mountain View Latitude: 37.405991 Longitude: -122.078514 View: Google Map

DOMAIN	STATUS	GEOLOCATION
schemas.xmlsoap.org	good	IP: 23.2.155.170 Country: United States of America Region: Virginia City: Ashburn Latitude: 39.04372 Longitude: -77.487488 View: Google Map
xml.apache.org	good	IP: 40.79.78.1 Country: United States of America Region: Virginia City: Boydton Latitude: 36.667641 Longitude: -78.387497 View: Google Map

URLs

URL	FILE
https://mbank.mutualtrustbank.com/ibweb/MAB/mtbagentbanking.htm	com/mtb/mobilebanking/AgentBankingActivity.java
https://mbank.mutualtrustbank.com/ibwebservice/MAB/mtbagentbanking.htm https://mbank.mutualtrustbank.com/ibweb//images/ https://mbank.mutualtrustbank.com/ibweb//images/PanellImages/ https://mbank.mutualtrustbank.com/ibweb/IBServices.svc	com/mtb/mobilebanking/Definitions.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadBranchAllInfo_android https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadATMAllInfo_android	com/mtb/mobilebanking/AtmBranchFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBDiscountDetail_android?merchantId=	com/mtb/mobilebanking/DiscountInformationDetail.java
https://mbank.mutualtrustbank.com/ibweb//images//	com/mtb/mobilebanking/DiscountorMerchantSearch.java
file:///android_asset/faq.htm	com/mtb/mobilebanking/FAQExpandCollapse.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBMerchantCategory_android https://mbank.mutualtrustbank.com/ibweb//images//electronics.png https://mbank.mutualtrustbank.com/ibweb//images//	com/mtb/mobilebanking/DiscountCategoryFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBMerchantListAllInfo_android?categoryType= https://mbank.mutualtrustbank.com/ibweb//images//	com/mtb/mobilebanking/DiscountListFragment.java
https://mbank.mutualtrustbank.com/ibweb//images/PanellImages//	com/mtb/mobilebanking/FindMTBMerchants.java
https://mbank.mutualtrustbank.com/ibweb//images/PanellImages//	com/mtb/mobilebanking/FindMTBLocation.java

URL	FILE
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBInstaMerchantCategory_android https://mbank.mutualtrustbank.com/ibweb//images//	com/mtb/mobilebanking/FlexiPayCategoryFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBInstaMerchantListAllInfo_android?categoryType= https://mbank.mutualtrustbank.com/ibweb//images//	com/mtb/mobilebanking/FlexipayMerchantListFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBInstaDurationDetail_android?merchantId=	com/mtb/mobilebanking/FlexipayMerchantDetailFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetCardInfo_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/CheckAvailableVirtualCard_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SessionOutDone_android?uid=	com/mtb/mobilebanking/DashboardDrawer.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SessionOutDone_android?uid=	com/mtb/mobilebanking/MTBAppUserInteractionActivity.java
https://mbank.mutualtrustbank.com/ibweb//images//	com/mtb/mobilebanking/LazyAdapterDetail.java
https://mbank.mutualtrustbank.com/ibweb//images/PanellImages// https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/AuthenticateWithActivation_android?uid=	com/mtb/mobilebanking/LoginActivity.java
https://mbank.mutualtrustbank.com/ibweb/MAB/mtbagentbanking.htm	com/mtb/mobilebanking/MTBNearByAgentBankingCentre.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadBranchAllInfo_android https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadATMAAllInfo_android https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBMerchantCategory_android https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadMTBInstaMerchantCategory_android https://mbank.mutualtrustbank.com/ibweb//images//	com/mtb/mobilebanking/Main.java
https://mbank.mutualtrustbank.com/ibweb//images/PanellImages/pr.jpg https://mbank.mutualtrustbank.com/ibweb/Privilege/benifits.html https://mbank.mutualtrustbank.com/ibweb/Privilege/member.html https://mbank.mutualtrustbank.com/ibweb/Privilege/partners.html https://mbank.mutualtrustbank.com/ibweb/Privilege/faq.html https://mbank.mutualtrustbank.com/ibweb/Privilege/charges.html https://mbank.mutualtrustbank.com/ibweb/Privilege/contactus.html	com/mtb/mobilebanking/PrivilegeActivity.java
javascript:replace('name=Keywords	com/mtb/mobilebanking/PrivilegeDetailsActivity.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/ActivateApplication_android?uid= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/activationCode_android?uid=	com/mtb/mobilebanking/NewLoginActivity.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/CheckSession_android?uid=	com/mtb/mobilebanking/Session.java

URL	FILE
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/ResendSMSPIN_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SaveFundTransferRequest_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/EFTOtherBankFundTransfer_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SubmitCheueBookRequest_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SaveBanglalionBillPayRequest_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SaveQubeeBillPayRequest_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SaveOrderCardCheque_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/savecardbillpayrequest_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/TransferFundAndRecharge_android?data=	com/mtb/mobilebanking/PinVerification.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/accountdetails_android?accountno=	com/mtb/mobilebanking/account/AccountDtIsPageFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/AccountSummary_android?token=	com/mtb/mobilebanking/account/AccountPageFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/BillerAccountInfo_android?token=	com/mtb/mobilebanking/billpayment/BillPay.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SendSMSPIN_android?key=	com/mtb/mobilebanking/billpayment/BillPayConfirmationbanglalion.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/transferableaccounts_android?token=	com/mtb/mobilebanking/billpayment/BillPayBanglalion.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/transferableaccounts_android?token=	com/mtb/mobilebanking/billpayment/BillPayQubee.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SendSMSPIN_android?key=	com/mtb/mobilebanking/billpayment/BillPayConfirmationqubee.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/BillerClient_android https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/AddBillerInfo_android?id=	com/mtb/mobilebanking/billpayment/BillerInformation.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SendSMSPIN_android?key=	com/mtb/mobilebanking/cards/CardBillPayConfirmation.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetCardInfo_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadCardChequeLeaves_android?card=	com/mtb/mobilebanking/cards/CardChequeBookRequest.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SendSMSPIN_android?key=CCBR&token=	com/mtb/mobilebanking/cards/CardChequeBookRequestConf.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadCardDetailsInfo_android?cardno=	com/mtb/mobilebanking/cards/CardDetails.java

URL	FILE
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadCardStatementInfo_android?token=	com/mtb/mobilebanking/cards/CardforQrTransactionFragment.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadCardStatementInfo_android?token=	com/mtb/mobilebanking/cards/CardSummary.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetCardInfo_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/transferableaccounts_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/ValidBillPay_android?accno=	com/mtb/mobilebanking/cards/CardBillPayLocal.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadChequeEnableAccount_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/ChequeBookRequestHistory_android?accno=	com/mtb/mobilebanking/chequebook/ChequeBookHistory.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SendSMSPIN_android?key=CBR&token=	com/mtb/mobilebanking/chequebook/ChequeBookRequestConf.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadChequeEnableAccount_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/LoadChequeLeafCount_android?accno=	com/mtb/mobilebanking/chequebook/ChequeBookRequest.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/AllTransferAccount_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/FundTransferHistory_android?from=	com/mtb/mobilebanking/fundtransfer/FundTransferHistory.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SendSMSPIN_android?key=FT&token=	com/mtb/mobilebanking/fundtransfer/FundTransferMakeConf.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/AllTransferAccount_android?token=	com/mtb/mobilebanking/fundtransfer/FundTransferMake.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SendSMSPIN_android?key= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/TransferFundAndRecharge_android?data=	com/mtb/mobilebanking/mobilerecharge/MobileBillPayConfirmation.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetUserMobileOperatorAccount_android?token=	com/mtb/mobilebanking/mobilerecharge/MobileBillPayQuickSummary.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetUserMobileOperatorAccount_android?token=	com/mtb/mobilebanking/mobilerecharge/MobileBillSummary.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/masteraccount_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetAvailableBalance_android?data= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/TransferFundAndRecharge_android?data=	com/mtb/mobilebanking/mobilerecharge/MobileBillPayQuickConfirmation.java

URL	FILE
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/transferableaccounts_android?token= https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/CheckRechargeAmountValidation_android?amount=	com/mtb/mobilebanking/mobilerecharge/MobileBillPaymentPage.java
https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetMobileOperator_android https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/GetPaymentType_android https://mbank.mutualtrustbank.com/ibweb/IBServices.svc/SaveMobileNumber_android?data=	com/mtb/mobilebanking/mobilerecharge/MobileBillerInformation.java
http://tempuri.org/IMTBTUMPS/GetMPQRCMVTransactionRequest http://tempuri.org/IMTBTUMPS/GetTransactionResultInquiryRequest http://tempuri.org/	com/mtb/mobilebanking/qrpayers/QrPaymentFragmentLatest.java
http://tempuri.org/IMTBTUMPS/GetTokenRequest http://tempuri.org/	com/mtb/mobilebanking/qrpayers/QRPAddCardFragment.java
file:///	org/kobjects/util/Util.java
http://schemas.xmlsoap.org/soap/encoding/ http://www.w3.org/2003/05/soap-encoding http://schemas.xmlsoap.org/soap/envelope/ http://www.w3.org/2003/05/soap-envelope http://www.w3.org/2001/XMLSchema http://www.w3.org/1999/XMLSchema http://www.w3.org/2001/XMLSchema-instance http://www.w3.org/1999/XMLSchema-instance	org/ksoap2/SoapEnvelope.java
http://xml.apache.org/xml-soap	org/ksoap2/serialization/MarshalHashtable.java
http://xmlpull.org/v1/doc/properties.html#xmldoc-standalone	org/kxml2/kdom/Document.java
http://www.w3.org/XML/1998/namespace http://www.w3.org/2000/xmlns/	org/kxml2/wap/WbxmlParser.java
http://www. https://www.	org/kxml2/wap/wml/Wml.java
http://www.wireless-village.org/CSP http://www.wireless-village.org/PA http://www.wireless-village.org/TRC http://www.openmobilealliance.org/DTD/WV-CSP http://www.openmobilealliance.org/DTD/WV-PA http://www.openmobilealliance.org/DTD/WV-TRC www.wireless-village.org	org/kxml2/wap/wv/WV.java
http://xmlpull.org/v1/doc/features.html#indent-output http://www.w3.org/XML/1998/namespace	org/kxml2/io/KXmlSerializer.java
http://xmlpull.org/v1/doc/ http://www.w3.org/XML/1998/namespace http://www.w3.org/2000/xmlns/	org/kxml2/io/KXmlParser.java

URL	FILE
http://xmlpull.org/v1/doc/features.html#process-docdecl http://xmlpull.org/v1/doc/features.html#process-namespaces http://xmlpull.org/v1/doc/features.html#report-namespace-prefixes http://xmlpull.org/v1/doc/features.html#validation	org/xmlpull/v1/XmlPullParser.java
https://high-decoder-126406.firebaseio.com	Android String Resource

FIREBASE DATABASES

FIREBASE URL	DETAILS
https://high-decoder-126406.firebaseio.com	info App talks to a Firebase Database.

EMAILS

EMAIL	FILE
customer.service@mutualtrustbank.com	com/mtb/mobilebanking/Definitions.java

PLAYSTORE INFORMATION

Title: MTB Smart Banking

Score: 3.71 **Installs:** 50,000+ **Price:** 0 **Android Version Support:** 4.1 and up **Category:** Finance **Play Store URL:** [com.mtb.mobilebanking](https://play.google.com/store/apps/details?id=com.mtb.mobilebanking)

Developer Details: Mutual Trust Bank Ltd., Mutual+Trust+Bank+Ltd., None, <http://www.mutualtrustbank.com/contact-address/>, customer.service@mutualtrustbank.com,

Release Date: Oct 30, 2013 **Privacy Policy:** [Privacy link](#)

Description:

Now get 24/7 access to MTB account information and services from your Android phones. MTB Smart Banking is a free service offered to all the MTB customer registered for mobile banking. With the MTB Smart Banking App, you can check your available balances, transfer money, pay bills, top-up mobile, view credit card details, pay credit card bill, order cheque book and more. TO ACTIVATE THIS APP IN YOUR DEVICE - You need to login MTB Internet Banking. - Click from menu Profile Management-> Activation Request For Mobile Application. - Enter the device name and login password. - You will receive the activation pin to your registered mobile no through SMS. - Open the MTB Smart Banking Android Apps from mobile and enter the user id, password and activation pin (for the first time only). MOBILE BANKING SECURITY - You must be registered to MTB Internet Banking - You need to make a request from MTB Internet Banking to use Android App. - We use the latest online security measures to help protect your money, your personal information and your privacy while banking online with us. - This service is secured by SSL encryption. Also all data communication is further encrypted by MTB's own encryption technology. Unregistered device (Smart Phone) cannot be used to login to MTB Smart Banking Android Apps. - Two factor authentication during transaction Any questions or concerns please call 24x7 MTB Contact Centre: 16219 or 096040 16219 From overseas: +880 96040 16219 Also you can mail us: customer.service@mutualtrustbank.com

App Security Score Calculation

Every app is given an ideal score of 100 to begin with.

For every findings with severity **high** we reduce 15 from the score.

For every findings with severity **warning** we reduce 10 from the score.

For every findings with severity **good** we add 5 to the score.

If the calculated score is greater than 100, then the app security score is considered as 100.
And if the calculated score is less than 0, then the app security score is considered as 10.

Risk Calculation

APP SECURITY SCORE	RISK
0 - 15	CRITICAL
16 - 40	HIGH
41 - 70	MEDIUM
71 - 100	LOW

Report Generated by - MobSF v3.0.6 Beta

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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