Microsoft Windows [Version 10.0.19042.844]

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C:\Users\amlan>cd Desktop

C:\Users\amlan\Desktop>**cd "TEST ENV"**

C:\Users\amlan\Desktop\TEST ENV>**cordova create TestNews com.amlan.testnews NEWS**

cordova create <FolderName> <DomainName> <AppName>

Creating a new cordova project.

C:\Users\amlan\Desktop\TEST ENV>**cd TestNews**

cd <FolderName>

Copy-Paste HTML-CSS-JS code into ./www directory.

C:\Users\amlan\Desktop\TEST ENV\TestNews>cordova build android --release

No platforms added to this project. Please use `cordova platform add <platform>`.

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│ │

│ Update available 9.0.0 → 10.0.0 │

│ Run npm i -g cordova to update │

│ │

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C:\Users\amlan\Desktop\TEST ENV\TestNews>npm i -g cordova

npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142

npm WARN deprecated har-validator@5.1.5: this library is no longer supported

C:\Users\amlan\AppData\Roaming\npm\cordova -> C:\Users\amlan\AppData\Roaming\npm\node\_modules\cordova\bin\cordova

+ cordova@10.0.0

added 188 packages from 52 contributors, removed 156 packages, updated 133 packages and moved 2 packages in 387.285s

C:\Users\amlan\Desktop\TEST ENV\TestNews>

C:\Users\amlan\Desktop\TEST ENV\TestNews>**cordova platform add android**

cordova platform add <PlatformName>

Using cordova-fetch for cordova-android@^9.0.0

Adding android project...

Creating Cordova project for the Android platform:

Path: platforms\android

Package: com.amlan.testnews

Name: NEWS

Activity: MainActivity

Android target: android-29

Subproject Path: CordovaLib

Subproject Path: app

Android project created with cordova-android@9.0.0

Plugin 'cordova-plugin-whitelist' found in config.xml... Migrating it to package.json

Discovered plugin "cordova-plugin-whitelist". Adding it to the project

Installing "cordova-plugin-whitelist" for android

Adding cordova-plugin-whitelist to package.json

-

C:\Users\amlan\Desktop\TEST ENV\TestNews>**cordova build android –-release**

cordova build <PlatformName> --release

Checking Java JDK and Android SDK versions

ANDROID\_SDK\_ROOT=undefined (recommended setting)

ANDROID\_HOME=C:\Users\amlan\AppData\Local\Android\Sdk (DEPRECATED)

Using Android SDK: C:\Users\amlan\AppData\Local\Android\Sdk

Starting a Gradle Daemon (subsequent builds will be faster)

BUILD SUCCESSFUL in 16s

1 actionable task: 1 executed

Subproject Path: CordovaLib

Subproject Path: app

Downloading https://services.gradle.org/distributions/gradle-6.5-all.zip

...........................................................................................................................................

Welcome to Gradle 6.5!

Here are the highlights of this release:

- Experimental file-system watching

- Improved version ordering

- New samples

For more details see https://docs.gradle.org/6.5/release-notes.html

Starting a Gradle Daemon (subsequent builds will be faster)

WARNING: The specified Android SDK Build Tools version (28.0.3) is ignored, as it is below the minimum supported version (29.0.2) for Android Gradle Plugin 4.0.0.

Android SDK Build Tools 29.0.2 will be used.

To suppress this warning, remove "buildToolsVersion '28.0.3'" from your build.gradle file, as each version of the Android Gradle Plugin now has a default version of the build tools.

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Android SDK Build Tools 29.0.2 will be used.

To suppress this warning, remove "buildToolsVersion '28.0.3'" from your build.gradle file, as each version of the Android Gradle Plugin now has a default version of the build tools.

Checking the license for package Android SDK Build-Tools 29.0.2 in C:\Users\amlan\AppData\Local\Android\Sdk\licenses

License for package Android SDK Build-Tools 29.0.2 accepted.

Preparing "Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)".

"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" ready.

Installing Android SDK Build-Tools 29.0.2 in C:\Users\amlan\AppData\Local\Android\Sdk\build-tools\29.0.2

"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" complete.

"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" finished.

Checking the license for package Android SDK Platform 29 in C:\Users\amlan\AppData\Local\Android\Sdk\licenses

License for package Android SDK Platform 29 accepted.

Preparing "Install Android SDK Platform 29 (revision: 5)".

"Install Android SDK Platform 29 (revision: 5)" ready.

Installing Android SDK Platform 29 in C:\Users\amlan\AppData\Local\Android\Sdk\platforms\android-29

"Install Android SDK Platform 29 (revision: 5)" complete.

"Install Android SDK Platform 29 (revision: 5)" finished.

WARNING: The specified Android SDK Build Tools version (28.0.3) is ignored, as it is below the minimum supported version (29.0.2) for Android Gradle Plugin 4.0.0.

Android SDK Build Tools 29.0.2 will be used.

To suppress this warning, remove "buildToolsVersion '28.0.3'" from your build.gradle file, as each version of the Android Gradle Plugin now has a default version of the build tools.

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Android SDK Build Tools 29.0.2 will be used.

To suppress this warning, remove "buildToolsVersion '28.0.3'" from your build.gradle file, as each version of the Android Gradle Plugin now has a default version of the build tools.

> Task :app:lintVitalRelease

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\src\main\res\drawable-land-hdpi\screen.png: Error: The drawable "screen" in drawable-land-hdpi has no declaration in the base drawable folder or in a drawable-densitydpi folder; this can lead to crashes when the drawable is queried in a configuration that does not match this qualifier [MissingDefaultResource]

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\src\main\res\drawable-land-ldpi\screen.png: Error: The drawable "screen" in drawable-land-ldpi has no declaration in the base drawable folder or in a drawable-densitydpi folder; this can lead to crashes when the drawable is queried in a configuration that does not match this qualifier [MissingDefaultResource]

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C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\src\main\res\drawable-land-xhdpi\screen.png: Error: The drawable "screen" in drawable-land-xhdpi has no declaration in the base drawable folder or in a drawable-densitydpi folder; this can lead to crashes when the drawable is queried in a configuration that does not match this qualifier [MissingDefaultResource]

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\src\main\res\drawable-land-xxhdpi\screen.png: Error: The drawable "screen" in drawable-land-xxhdpi has no declaration in the base drawable folder or in a drawable-densitydpi folder; this can lead to crashes when the drawable is queried in a configuration that does not match this qualifier [MissingDefaultResource]

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\src\main\res\drawable-land-xxxhdpi\screen.png: Error: The drawable "screen" in drawable-land-xxxhdpi has no declaration in the base drawable folder or in a drawable-densitydpi folder; this can lead to crashes when the drawable is queried in a configuration that does not match this qualifier [MissingDefaultResource]

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\src\main\res\drawable-port-hdpi\screen.png: Error: The drawable "screen" in drawable-port-hdpi has no declaration in the base drawable folder or in a drawable-densitydpi folder; this can lead to crashes when the drawable is queried in a configuration that does not match this qualifier [MissingDefaultResource]

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Explanation for issues of type "MissingDefaultResource":

If a resource is only defined in folders with qualifiers like -land or -en,

and there is no default declaration in the base folder (layout or values

etc), then the app will crash if that resource is accessed on a device

where the device is in a configuration missing the given qualifier.

As a special case, drawables do not have to be specified in the base

folder; if there is a match in a density folder (such as drawable-mdpi)

that image will be used and scaled. Note however that if you only specify

a drawable in a folder like drawable-en-hdpi, the app will crash in

non-English locales.

There may be scenarios where you have a resource, such as a -fr drawable,

which is only referenced from some other resource with the same qualifiers

(such as a -fr style), which itself has safe fallbacks. However, this still

makes it possible for somebody to accidentally reference the drawable and

crash, so it is safer to create a default dummy fallback in the base

folder. Alternatively, you can suppress the issue by adding

tools:ignore="MissingDefaultResource" on the element.

(This scenario frequently happens with string translations, where you might

delete code and the corresponding resources, but forget to delete a

translation. There is a dedicated issue id for that scenario, with the id

ExtraTranslation.)

12 errors, 0 warnings

Deprecated Gradle features were used in this build, making it incompatible with Gradle 7.0.

Use '--warning-mode all' to show the individual deprecation warnings.

See https://docs.gradle.org/6.5/userguide/command\_line\_interface.html#sec:command\_line\_warnings

BUILD SUCCESSFUL in 34m 10s

43 actionable tasks: 43 executed

Built the following apk(s):

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release\app-release-unsigned.apk

C:\Users\amlan\Desktop\TEST ENV\TestNews>**cordova build android --release**

Checking Java JDK and Android SDK versions

ANDROID\_SDK\_ROOT=undefined (recommended setting)

ANDROID\_HOME=C:\Users\amlan\AppData\Local\Android\Sdk (DEPRECATED)

Using Android SDK: C:\Users\amlan\AppData\Local\Android\Sdk

Subproject Path: CordovaLib

Subproject Path: app

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12 errors, 0 warnings

Deprecated Gradle features were used in this build, making it incompatible with Gradle 7.0.

Use '--warning-mode all' to show the individual deprecation warnings.

See https://docs.gradle.org/6.5/userguide/command\_line\_interface.html#sec:command\_line\_warnings

BUILD SUCCESSFUL in 3s

43 actionable tasks: 1 executed, 42 up-to-date

Built the following apk(s):

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release\app-release-unsigned.apk

C:\Users\amlan\Desktop\TEST ENV\TestNews>**cd platforms\android\app\build\outputs\apk\release**

cd platforms\android\app\build\outputs\apk\release

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release>**keytool -genkey -v -keystore replace\_this\_with\_your\_own.keystore -alias replace\_this\_your\_own -keyalg RSA -keysize 2048 -validity 10000**

keytool -genkey -v -keystore **<KeyName.keystore>** -alias **<KeyAlias>** -keyalg RSA -keysize 2048 -validity 10000

**Enter keystore password:**

**Re-enter new password:**

What is your first and last name?

[Unknown]: Amlan Saha Kundu

What is the name of your organizational unit?

[Unknown]: Scutoid

What is the name of your organization?

[Unknown]: Scutoid

What is the name of your City or Locality?

[Unknown]: Malda

What is the name of your State or Province?

[Unknown]: West Bengal

What is the two-letter country code for this unit?

[Unknown]: IN

Is CN=Amlan Saha Kundu, OU=Scutoid, O=Scutoid, L=Malda, ST=West Bengal, C=IN correct?

[no]: yes

Generating 2,048 bit RSA key pair and self-signed certificate (SHA256withRSA) with a validity of 10,000 days

for: CN=Amlan Saha Kundu, OU=Scutoid, O=Scutoid, L=Malda, ST=West Bengal, C=IN

Enter key password for <replace\_this\_your\_own>

(RETURN if same as keystore password):

Re-enter new password:

[Storing replace\_this\_with\_your\_own.keystore]

Warning:

The JKS keystore uses a proprietary format. It is recommended to migrate to PKCS12 which is an industry standard format using "keytool -importkeystore -srckeystore replace\_this\_with\_your\_own.keystore -destkeystore replace\_this\_with\_your\_own.keystore -deststoretype pkcs12".

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release>**jarsigner -verbose -sigalg SHA1withRSA -digestalg SHA1 -keystore replace\_this\_with\_your\_own.keystore app-release-unsigned.apk replace\_this\_your\_own**

jarsigner -verbose -sigalg SHA1withRSA -digestalg SHA1 -keystore **<KeyName.keystore>** **<UnSignedAppName.apk>** **<KeyAlias>**

Enter Passphrase for keystore:

updating: META-INF/MANIFEST.MF

adding: META-INF/REPLACE\_.SF

adding: META-INF/REPLACE\_.RSA

signing: AndroidManifest.xml

signing: assets/www/cordova-js-src/android/nativeapiprovider.js

signing: assets/www/cordova-js-src/android/promptbasednativeapi.js

signing: assets/www/cordova-js-src/exec.js

signing: assets/www/cordova-js-src/platform.js

signing: assets/www/cordova-js-src/plugin/android/app.js

signing: assets/www/cordova.js

signing: assets/www/cordova\_plugins.js

signing: assets/www/css/index.css

signing: assets/www/img/logo.png

signing: assets/www/index.html

signing: assets/www/js/index.js

signing: assets/www/script.js

signing: assets/www/style.css

signing: classes.dex

signing: res/drawable-land-hdpi-v4/screen.png

signing: res/drawable-land-ldpi-v4/screen.png

signing: res/drawable-land-mdpi-v4/screen.png

signing: res/drawable-land-xhdpi-v4/screen.png

signing: res/drawable-land-xxhdpi-v4/screen.png

signing: res/drawable-land-xxxhdpi-v4/screen.png

signing: res/drawable-port-hdpi-v4/screen.png

signing: res/drawable-port-ldpi-v4/screen.png

signing: res/drawable-port-mdpi-v4/screen.png

signing: res/drawable-port-xhdpi-v4/screen.png

signing: res/drawable-port-xxhdpi-v4/screen.png

signing: res/drawable-port-xxxhdpi-v4/screen.png

signing: res/mipmap-hdpi-v26/ic\_launcher.xml

signing: res/mipmap-hdpi-v26/ic\_launcher\_background.png

signing: res/mipmap-hdpi-v26/ic\_launcher\_foreground.png

signing: res/mipmap-hdpi-v4/ic\_launcher.png

signing: res/mipmap-ldpi-v26/ic\_launcher.xml

signing: res/mipmap-ldpi-v26/ic\_launcher\_background.png

signing: res/mipmap-ldpi-v26/ic\_launcher\_foreground.png

signing: res/mipmap-ldpi-v4/ic\_launcher.png

signing: res/mipmap-mdpi-v26/ic\_launcher.xml

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signing: res/mipmap-mdpi-v4/ic\_launcher.png

signing: res/mipmap-xhdpi-v26/ic\_launcher.xml

signing: res/mipmap-xhdpi-v26/ic\_launcher\_background.png

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signing: res/mipmap-xxhdpi-v26/ic\_launcher\_background.png

signing: res/mipmap-xxhdpi-v26/ic\_launcher\_foreground.png

signing: res/mipmap-xxhdpi-v4/ic\_launcher.png

signing: res/mipmap-xxxhdpi-v26/ic\_launcher.xml

signing: res/mipmap-xxxhdpi-v26/ic\_launcher\_background.png

signing: res/mipmap-xxxhdpi-v26/ic\_launcher\_foreground.png

signing: res/mipmap-xxxhdpi-v4/ic\_launcher.png

signing: res/xml/config.xml

signing: resources.arsc

>>> Signer

X.509, CN=Amlan Saha Kundu, OU=Scutoid, O=Scutoid, L=Malda, ST=West Bengal, C=IN

[trusted certificate]

jar signed.

Warning:

The signer's certificate is self-signed.

echo C:\Users\amlan\AppData\Local\Android\Sdk\build-tools\29.0.2

Copy “zipalign.exe” from “C:\Users\amlan\AppData\Local\Android\Sdk\build-tools\29.0.2\” to “.\platforms\android\app\build\outputs\apk\release\”

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release>**zipalign -v 4 app-release-unsigned.apk app-release-signed.apk**

zipalign -v 4 **<UnSignedAppName.apk>** **<FinalAppName.apk>**

Verifying alignment of app-release-signed.apk (4)...

50 META-INF/MANIFEST.MF (OK - compressed)

1706 META-INF/REPLACE\_.SF (OK - compressed)

3562 META-INF/REPLACE\_.RSA (OK - compressed)

4738 AndroidManifest.xml (OK - compressed)

5840 assets/www/cordova-js-src/android/nativeapiprovider.js (OK - compressed)

6626 assets/www/cordova-js-src/android/promptbasednativeapi.js (OK - compressed)

7460 assets/www/cordova-js-src/exec.js (OK - compressed)

11061 assets/www/cordova-js-src/platform.js (OK - compressed)

12917 assets/www/cordova-js-src/plugin/android/app.js (OK - compressed)

14457 assets/www/cordova.js (OK - compressed)

31417 assets/www/cordova\_plugins.js (OK - compressed)

31625 assets/www/css/index.css (OK - compressed)

33184 assets/www/img/logo.png (OK)

55058 assets/www/index.html (OK - compressed)

56671 assets/www/js/index.js (OK - compressed)

57542 assets/www/script.js (OK - compressed)

58180 assets/www/style.css (OK - compressed)

59264 classes.dex (OK - compressed)

108056 res/drawable-land-hdpi-v4/screen.png (OK)

146744 res/drawable-land-ldpi-v4/screen.png (OK)

154572 res/drawable-land-mdpi-v4/screen.png (OK)

169480 res/drawable-land-xhdpi-v4/screen.png (OK)

249904 res/drawable-land-xxhdpi-v4/screen.png (OK)

382528 res/drawable-land-xxxhdpi-v4/screen.png (OK)

577716 res/drawable-port-hdpi-v4/screen.png (OK)

613448 res/drawable-port-ldpi-v4/screen.png (OK)

621808 res/drawable-port-mdpi-v4/screen.png (OK)

636580 res/drawable-port-xhdpi-v4/screen.png (OK)

713336 res/drawable-port-xxhdpi-v4/screen.png (OK)

838392 res/drawable-port-xxxhdpi-v4/screen.png (OK)

1034964 res/mipmap-hdpi-v26/ic\_launcher.xml (OK - compressed)

1035288 res/mipmap-hdpi-v26/ic\_launcher\_background.png (OK)

1035460 res/mipmap-hdpi-v26/ic\_launcher\_foreground.png (OK)

1038244 res/mipmap-hdpi-v4/ic\_launcher.png (OK)

1041027 res/mipmap-ldpi-v26/ic\_launcher.xml (OK - compressed)

1041348 res/mipmap-ldpi-v26/ic\_launcher\_background.png (OK)

1041516 res/mipmap-ldpi-v26/ic\_launcher\_foreground.png (OK)

1043084 res/mipmap-ldpi-v4/ic\_launcher.png (OK)

1044729 res/mipmap-mdpi-v26/ic\_launcher.xml (OK - compressed)

1045052 res/mipmap-mdpi-v26/ic\_launcher\_background.png (OK)

1045224 res/mipmap-mdpi-v26/ic\_launcher\_foreground.png (OK)

1047164 res/mipmap-mdpi-v4/ic\_launcher.png (OK)

1049162 res/mipmap-xhdpi-v26/ic\_launcher.xml (OK - compressed)

1049484 res/mipmap-xhdpi-v26/ic\_launcher\_background.png (OK)

1049684 res/mipmap-xhdpi-v26/ic\_launcher\_foreground.png (OK)

1054868 res/mipmap-xhdpi-v4/ic\_launcher.png (OK)

1058163 res/mipmap-xxhdpi-v26/ic\_launcher.xml (OK - compressed)

1058488 res/mipmap-xxhdpi-v26/ic\_launcher\_background.png (OK)

1058696 res/mipmap-xxhdpi-v26/ic\_launcher\_foreground.png (OK)

1067400 res/mipmap-xxhdpi-v4/ic\_launcher.png (OK)

1072686 res/mipmap-xxxhdpi-v26/ic\_launcher.xml (OK - compressed)

1073012 res/mipmap-xxxhdpi-v26/ic\_launcher\_background.png (OK)

1073232 res/mipmap-xxxhdpi-v26/ic\_launcher\_foreground.png (OK)

1084872 res/mipmap-xxxhdpi-v4/ic\_launcher.png (OK)

1090971 res/xml/config.xml (OK - compressed)

1091940 resources.arsc (OK)

Verification succesful

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release>zipalign -v 4 app-release-unsigned.apk app-release-signed.apk

Output file 'app-release-signed.apk' exists

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release>keytool -printcert -jarfile NEWS.apk

Signature:

Owner: CN=Amlan Saha Kundu, OU=Scutoid, O=Scutoid, L=Malda, ST=West Bengal, C=IN

Issuer: CN=Amlan Saha Kundu, OU=Scutoid, O=Scutoid, L=Malda, ST=West Bengal, C=IN

Serial number: 28c9bd0b

Valid from: Sun Mar 14 01:11:22 IST 2021 until: Thu Jul 30 01:11:22 IST 2048

Certificate fingerprints:

MD5: 61:A7:BE:9E:8E:BC:F9:5C:5E:D0:4E:50:16:5B:48:C1

SHA1: 11:C5:DA:C3:A6:63:41:4A:AC:61:A6:A4:E2:75:2D:8C:FF:D3:99:4B

SHA256: 38:44:BB:C6:F9:72:B1:53:04:0B:40:49:2B:A2:00:D0:30:F9:0F:A1:AE:2D:86:16:0B:77:C1:2B:D1:31:60:7C

Signature algorithm name: SHA256withRSA

Subject Public Key Algorithm: 2048-bit RSA key

Version: 3

Extensions:

#1: ObjectId: 2.5.29.14 Criticality=false

SubjectKeyIdentifier [

KeyIdentifier [

0000: 69 DD 93 DC 29 12 75 5B D2 47 1E CD AF 8D C0 71 i...).u[.G.....q

0010: E3 E5 16 6F ...o

]

]

C:\Users\amlan\Desktop\TEST ENV\TestNews\platforms\android\app\build\outputs\apk\release>