

LAPORAN PRATIKUM
PEMROGRAMAN WEB DAN MOBILE I



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BAB I

TUJUAN DAN LANDASAN TEORI

1.1. Landasan Teori

React Native adalah framework yang digunakan untuk membuat mobile app di dua sistem operasi sekaligus, yaitu Android dan iOS. Untuk itulah, React Native disebut juga dengan cross-platform network karena bisa membuat satu aplikasi yang bisa digunakan di berbagai platform, yaitu Android dan iOS.

Dalam membuat sebuah aplikasi, hal tersebut perlu belajar bahasa pemrograman yang spesifik atau khusus (disebut juga dengan ‘Native’) untuk platform tersebut. Hal ini dikarenakan setiap sistem operasi memiliki bahasa pemrograman yang berbeda-beda.

Untuk membuat aplikasi di Android, dibutuhkan belajar bahasa pemrograman Java. Sedangkan untuk membuat aplikasi di iOS, Anda perlu belajar menggunakan bahasa pemrograman Objective C atau Swift. Namun dengan menggunakan React Native sebagai framework, tidak perlu lagi melakukan hal spesifik tersebut.

Alih-alih menggunakan Java atau Objective C maupun Swift, hanya dibutuhkan belajar bahasa pemrograman Javascript untuk bisa membuat aplikasi dengan menggunakan platform ini. Javascript sendiri biasa digunakan oleh para developer dalam membuat website.

Jadi, dengan menggunakan platform ini, hanya perlu membuat satu aplikasi. Sehingga tidak perlu lagi membuat banyak versi aplikasi yang compatible dengan sistem operasi yang ada.

Kelebihan React Native

Mengetahui apa saja kelebihan yang ditawarkan React Native. Cross-platform framework ini memiliki banyak kelebihan, diantaranya yaitu :

1. Digunakan oleh Perusahaan-Perusahaan Besar

Meskipun tergolong framework baru, React Native tercatat telah digunakan oleh sejumlah perusahaan besar dalam membuat aplikasi. Sebut saja aplikasi Facebook, Instagram, Airbnb, dan Baidu. Nyatanya, React Native memang dikembangkan oleh tim Facebook untuk membuat aplikasi mobile.

2. Kode yang digunakan lebih simpel

React Native lebih mudah dipelajari daripada 'Native'. Hal ini dikarenakan kode yang digunakan lebih simpel. Untuk yang terbiasa dengan Javascript, menggunakan HTML, dan sejenisnya tentu akan merasa sangat familiar ketika dihadapkan dengan React Native.

Selain kode yang digunakan lebih simpel, tidak perlu lagi menguasai bahasa pemrograman lainnya demi bisa membuat aplikasi yang bisa berjalan di dua sistem operasi sekaligus.

3. Cocok untuk startup

Untuk perusahaan yang baru merintis, atau biasa disebut dengan start up, dan ingin mengembangkan aplikasi mobile, React Native bisa menjadi pilihan framework yang tepat.

Karena perusahaan hanya perlu merekrut satu orang developer yang menguasai React Native dan bisa menghasilkan aplikasi yang bisa berjalan di dua sistem operasi sekaligus. Sayangnya, masih jarang developer yang menguasai framework ini.

4. Lebih hemat

Karena bisa merekrut satu orang untuk dua tugas sekaligus, perusahaan akan hemat dalam menggaji karyawan. Anggaran yang seharusnya digunakan untuk menggaji dua developer bisa dialihkan untuk kebutuhan lainnya yang tak kalah penting.

Misalnya seperti untuk konten, marketing, atau produk activation yang tentu bakal membutuhkan banyak sumber daya.

Kelemahan React Native

1. JavaScript yang Berkembang Sangat Cepat

JavaScript menjadi kelemahan dari React Native karena javascript berkembang begitu cepat sehingga efeknya menimbulkan beberapa hal tidak bisa dilakukan sesuai harapan.

2. Framework

Sama seperti JavaScript, framework React Native juga menjadi kelemahan tersendiri karena perubahan yang begitu cepat terjadi.

3. Platform

Sebagaimana kita ketahui, untuk bisa mengembangkan aplikasi mobile berbasis Ios maka developer juga harus menggunakan perangkat MAC OS karena sistem operasi ini eksklusif hanya tersedia di Mac, maka setidaknya Anda harus menyediakan Macbook.

4. Performance

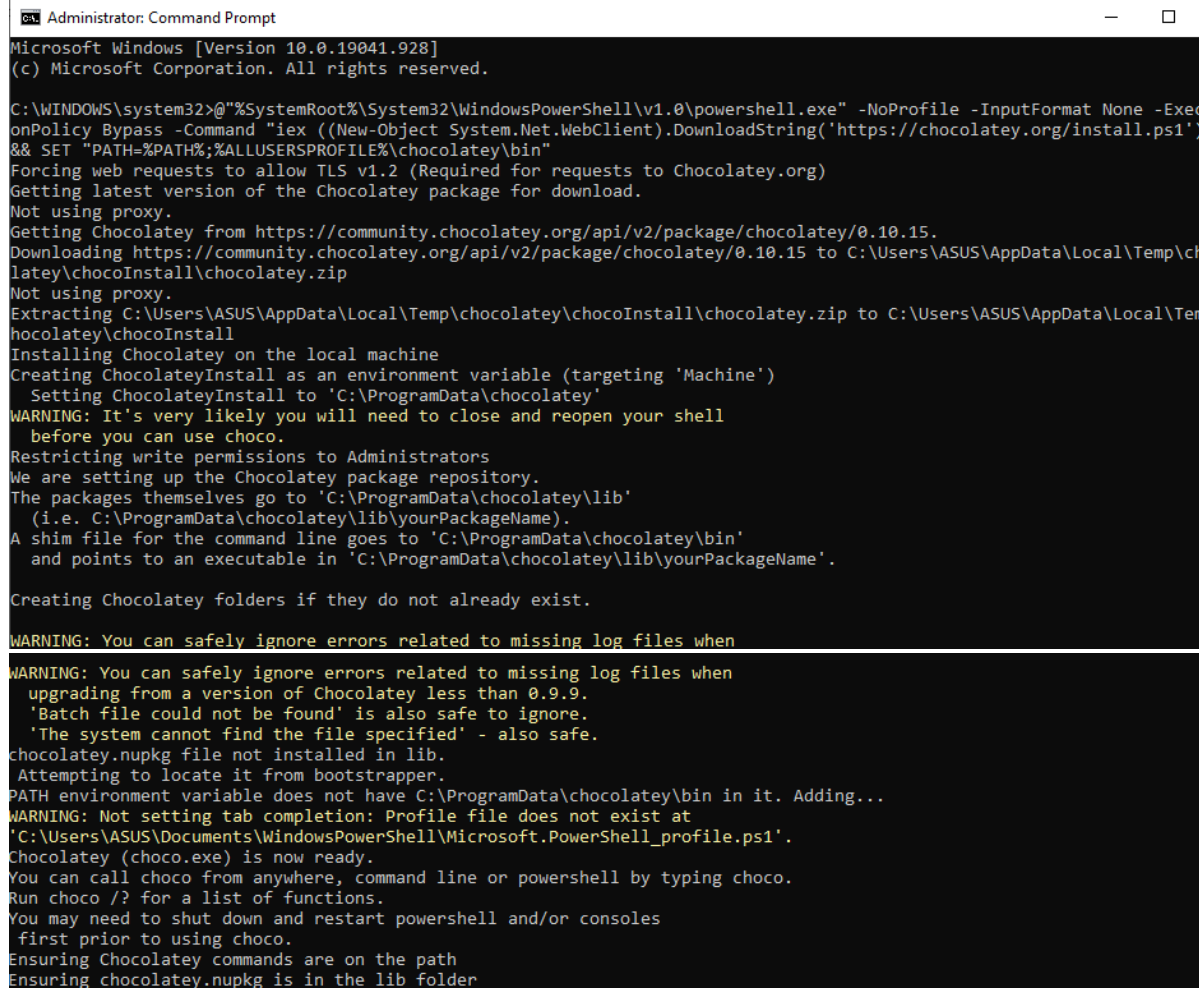
Manusia memang tidak akan pernah puas soal performa, sehingga saat ini masih ada perdebatan terkait kinerja React Native secara umum di kalangan developer.

BAB II

PEMBAHASAN

Tugas Praktikum

1. Install Chocolatey



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19041.928]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>@"%SystemRoot%\System32\WindowsPowerShell\v1.0\powershell.exe" -NoProfile -InputFormat None -ExecutionPolicy Bypass -Command "iex ((New-Object System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))
&& SET "PATH=%PATH%;%ALLUSERSPROFILE%\chocolatey\bin"
Forcing web requests to allow TLS v1.2 (Required for requests to Chocolatey.org)
Getting latest version of the Chocolatey package for download.
Not using proxy.
Getting Chocolatey from https://community.chocolatey.org/api/v2/package/chocolatey/0.10.15.
Downloading https://community.chocolatey.org/api/v2/package/chocolatey/0.10.15 to C:\Users\ASUS\AppData\Local\Temp\chocolatey\chocoInstall\chocolatey.zip
Not using proxy.
Extracting C:\Users\ASUS\AppData\Local\Temp\chocolatey\chocoInstall\chocolatey.zip to C:\Users\ASUS\AppData\Local\Temp\chocolatey\chocoInstall
Installing Chocolatey on the local machine
Creating ChocolateyInstall as an environment variable (targeting 'Machine')
  Setting ChocolateyInstall to 'C:\ProgramData\chocolatey'
WARNING: It's very likely you will need to close and reopen your shell
  before you can use choco.
Restricting write permissions to Administrators
We are setting up the Chocolatey package repository.
The packages themselves go to 'C:\ProgramData\chocolatey\lib'
  (i.e. C:\ProgramData\chocolatey\lib\yourPackageName).
A shim file for the command line goes to 'C:\ProgramData\chocolatey\bin'
  and points to an executable in 'C:\ProgramData\chocolatey\lib\yourPackageName'.

Creating Chocolatey folders if they do not already exist.

WARNING: You can safely ignore errors related to missing log files when
installing Chocolatey.

WARNING: You can safely ignore errors related to missing log files when
  upgrading from a version of Chocolatey less than 0.9.9.
  'Batch file could not be found' is also safe to ignore.
  'The system cannot find the file specified' - also safe.
chocolatey.nupkg file not installed in lib.
  Attempting to locate it from bootstrapper.
PATH environment variable does not have C:\ProgramData\chocolatey\bin in it. Adding...
WARNING: Not setting tab completion: Profile file does not exist at
'C:\Users\ASUS\Documents\WindowsPowerShell\Microsoft.PowerShell_profile.ps1'.
Chocolatey (choco.exe) is now ready.
You can call choco from anywhere, command line or powershell by typing choco.
Run choco /? for a list of functions.
You may need to shut down and restart powershell and/or consoles
  first prior to using choco.
Ensuring Chocolatey commands are on the path
Ensuring chocolatey.nupkg is in the lib folder
```

2. Install JDK, Node.JS, dan Python

```
Administrator: Command Prompt
C:\WINDOWS\system32>choco install -y nodejs.install python2 jdk8
Chocolatey v0.10.15
Installing the following packages:
nodejs.install;python2;jdk8
By installing you accept licenses for the packages.
Progress: Downloading nodejs.install 16.1.0... 100%

nodejs.install v16.1.0 [Approved]
nodejs.install package files install completed. Performing other installation steps.
Installing 64 bit version
Installing nodejs.install...
nodejs.install has been installed.
nodejs.install may be able to be automatically uninstalled.
Environment Vars (like PATH) have changed. Close/reopen your shell to
see the changes (or in powershell/cmd.exe just type `refreshenv`).
The install of nodejs.install was successful.
Software installed as 'msi', install location is likely default.
Progress: Downloading python2 2.7.18... 100%


python2 v2.7.18 [Approved]
python2 package files install completed. Performing other installation steps.
Installing 64-bit python2...
python2 has been installed.
Installed to 'C:\Python27'
Adding C:\Python27 to PATH if needed
python2 may be able to be automatically uninstalled.
Environment Vars (like PATH) have changed. Close/reopen your shell to
see the changes (or in powershell/cmd.exe just type `refreshenv`).
The install of python2 was successful.
Software installed as 'msi', install location is likely default.

Select Administrator: Command Prompt
Progress: Downloading jdk8 8.0.211... 100%

jdk8 v8.0.211 [Approved]
jdk8 package files install completed. Performing other installation steps.
Downloading JDK from https://javadl.oracle.com/webapps/download/GetFile/1.8.0_211-b12/478a62b7d4e34b78b671c754eaf38
indows-i586/jdk-8u211-windows-x64.exe
Installing jdk8...
jdk8 has been installed.
PATH environment variable does not have C:\Program Files\Java\jdk1.8.0_211\bin in it. Adding...
jdk8 may be able to be automatically uninstalled.
Environment Vars (like PATH) have changed. Close/reopen your shell to
see the changes (or in powershell/cmd.exe just type `refreshenv`).
The install of jdk8 was successful.
Software installed to 'C:\Program Files\Java\jdk1.8.0_211\'


Chocolatey installed 3/3 packages.
See the log for details (C:\ProgramData\chocolatey\logs\chocolatey.log).
C:\WINDOWS\system32>
```

3. Install Android Studi

developers  Platform **Android Studio** Google Play Jetpack Kotlin Lainnya Language

ANDROID STUDIO

[Download](#) Yang baru Panduan pengguna Pratinjau



Android Studio provides the fastest tools for building apps on every type of Android device.

[Download Android Studio](#)
4.2 for Windows 64-bit (934 MiB)

[Download options](#)

[Release notes](#)

4. Install Android SDK

Settings for New Projects

Appearance & Behavior > System Settings > **Android SDK**

Manager for the Android SDK and Tools used by Android Studio

Android SDK Location: [Edit](#) [Optimize disk space](#)

SDK Platforms SDK Tools SDK Update Sites

Each Android SDK Platform package includes the Android platform and sources pertaining to an API level by default. Once installed, Android Studio will automatically check for updates. Check "show package details" to display individual SDK components.

	Name	API Level	Revision	Status
<input type="checkbox"/>	Android S Preview	5	3	Not installed
<input checked="" type="checkbox"/>	Android 11.0 (R)	30	3	Installed
<input type="checkbox"/>	Android 10.0 (Q)	29	5	Not installed
<input checked="" type="checkbox"/>	Android 9.0 (Pie)	28	6	Installed
<input type="checkbox"/>	Android 8.1 (Oreo)	27	3	Not installed
<input checked="" type="checkbox"/>	Android 8.0 (Oreo)	26	2	Installed
<input type="checkbox"/>	Android 7.1.1 (Nougat)	25	3	Not installed
<input type="checkbox"/>	Android 7.0 (Nougat)	24	2	Not installed
<input type="checkbox"/>	Android 6.0 (Marshmallow)	23	3	Not installed
<input type="checkbox"/>	Android 5.1 (Lollipop)	22	2	Not installed
<input type="checkbox"/>	Android 5.0 (Lollipop)	21	2	Not installed
<input type="checkbox"/>	Android 4.4W (KitKat Wear)	20	2	Not installed
<input type="checkbox"/>	Android 4.4 (KitKat)	19	4	Not installed
<input type="checkbox"/>	Android 4.3 (Jelly Bean)	18	3	Not installed
<input type="checkbox"/>	Android 4.2 (Jelly Bean)	17	3	Not installed
<input type="checkbox"/>	Android 4.1 (Jelly Bean)	16	5	Not installed
<input type="checkbox"/>	Android 4.0.3 (IceCreamSandwich)	15	5	Not installed
<input type="checkbox"/>	Android 4.0 (IceCreamSandwich)	14	4	Not installed

☒ Hide Obsolete Packages ☐ Show Package Details

Each Android SDK Platform package includes the Android platform and sources pertaining to an API level by default. Once installed, Android Studio will automatically check for updates. Check "show package details" to display individual SDK components.

Name	API Level	Revision	Status
<input type="checkbox"/> Android S Preview			
<input type="checkbox"/> Android SDK Platform S	S	3	Not installed
<input type="checkbox"/> Google APIs ARM 64 v8a System Image	S	3	Not installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	S	3	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom_64 System Image	S	3	Not installed
<input checked="" type="checkbox"/> Android 11.0 (R)			
<input checked="" type="checkbox"/> Android SDK Platform 30	30	3	Installed
<input checked="" type="checkbox"/> Sources for Android 30	30	1	Installed
<input checked="" type="checkbox"/> Google APIs Intel x86 Atom System Image	30	9	Installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	30	10	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	30	9	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom_64 System Image	30	10	Not installed
<input type="checkbox"/> Android 10.0 (Q)			
<input type="checkbox"/> Android SDK Platform 29	29	5	Not installed
<input type="checkbox"/> Sources for Android 29	29	1	Not installed
<input type="checkbox"/> Android TV Intel x86 Atom System Image	29	3	Not installed
<input type="checkbox"/> Intel x86 Atom System Image	29	7	Not installed
<input type="checkbox"/> Intel x86 Atom_64 System Image	29	7	Not installed

☒ Hide Obsolete Packages
 ☒ Show Package Details

OK

Cancel

Apply

Each Android SDK Platform package includes the Android platform and sources pertaining to an API level by default. Once installed, Android Studio will automatically check for updates. Check "show package details" to display individual SDK components.

Name	API Level	Revision	Status
<input type="checkbox"/> Google APIs Intel x86 Atom System Image	29	11	Not installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	29	11	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	29	8	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom_64 System Image	29	8	Not installed
<input checked="" type="checkbox"/> Android 9.0 (Pie)			
<input checked="" type="checkbox"/> Android SDK Platform 28	28	6	Installed
<input checked="" type="checkbox"/> Sources for Android 28	28	1	Installed
<input type="checkbox"/> Android TV Intel x86 Atom System Image	28	10	Not installed
<input type="checkbox"/> China version of Wear OS Intel x86 Atom System Image	28	5	Not installed
<input type="checkbox"/> Wear OS Intel x86 Atom System Image	28	5	Not installed
<input type="checkbox"/> Intel x86 Atom System Image	28	4	Not installed
<input type="checkbox"/> Intel x86 Atom_64 System Image	28	4	Not installed
<input checked="" type="checkbox"/> Google APIs Intel x86 Atom System Image	28	12	Installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	28	11	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	28	9	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom_64 System Image	28	8	Not installed
<input type="checkbox"/> Android 8.1 (Oreo)			
<input type="checkbox"/> Android SDK Platform 27	27	3	Not installed

☒ Hide Obsolete Packages
 ☒ Show Package Details

OK

Cancel

Apply

SDK Platforms SDK Tools SDK Update Sites

Each Android SDK Platform package includes the Android platform and sources pertaining to an API level by default. Once installed, Android Studio will automatically check for updates. Check "show package details" to display individual SDK components.

Name	API Level	Revision	Status
<input type="checkbox"/> Sources for Android 27	27	1	Not installed
<input type="checkbox"/> Android TV Intel x86 Atom System Image	27	9	Not installed
<input type="checkbox"/> Intel x86 Atom System Image	27	1	Not installed
<input type="checkbox"/> Intel x86 Atom_64 System Image	27	1	Not installed
<input type="checkbox"/> Google APIs Intel x86 Atom System Image	27	11	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	27	3	Not installed
▼ Android 8.0 (Oreo)			
<input checked="" type="checkbox"/> Android SDK Platform 26	26	2	Installed
<input checked="" type="checkbox"/> Sources for Android 26	26	1	Installed
<input type="checkbox"/> Android TV Intel x86 Atom System Image	26	14	Not installed
<input type="checkbox"/> China version of Android Wear Intel x86 Atom System Image	26	4	Not installed
<input type="checkbox"/> Android Wear Intel x86 Atom System Image	26	4	Not installed
<input type="checkbox"/> Intel x86 Atom System Image	26	1	Not installed
<input type="checkbox"/> Intel x86 Atom_64 System Image	26	1	Not installed
<input checked="" type="checkbox"/> Google APIs Intel x86 Atom System Image	26	16	Installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	26	16	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	26	7	Not installed
▼ <input type="checkbox"/> Android 7.1.1 (Nougat)			
<input type="checkbox"/> Android SDK Platform 25	25	3	Not installed

☒ Hide Obsolete Packages ☒ Show Package Details

OK

Cancel

Apply

SDK Platforms SDK Tools SDK Update Sites

Below are the available SDK developer tools. Once installed, Android Studio will automatically check for updates. Check "show package details" to display available versions of an SDK Tool.

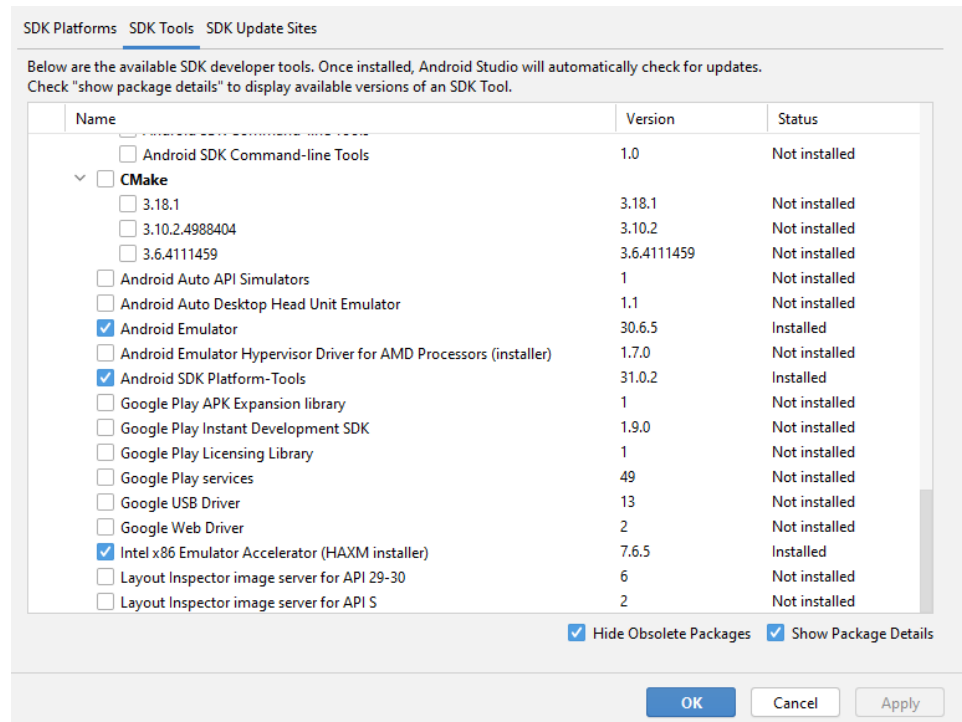
Name	Version	Status
▼ Android SDK Build-Tools 31-rc3		
<input type="checkbox"/> 31.0.0-rc3	31.0.0 rc3	Not installed
<input checked="" type="checkbox"/> 30.0.3	30.0.3	Installed
<input type="checkbox"/> 30.0.2	30.0.2	Not installed
<input type="checkbox"/> 30.0.1	30.0.1	Not installed
<input type="checkbox"/> 30.0.0	30.0.0	Not installed
<input type="checkbox"/> 29.0.3	29.0.3	Not installed
<input type="checkbox"/> 29.0.2	29.0.2	Not installed
<input type="checkbox"/> 29.0.1	29.0.1	Not installed
<input type="checkbox"/> 29.0.0	29.0.0	Not installed
<input checked="" type="checkbox"/> 28.0.3	28.0.3	Installed
<input type="checkbox"/> 28.0.2	28.0.2	Not installed
<input type="checkbox"/> 28.0.1	28.0.1	Not installed
<input type="checkbox"/> 28.0.0	28.0.0	Not installed
<input type="checkbox"/> 27.0.3	27.0.3	Not installed
<input type="checkbox"/> 27.0.2	27.0.2	Not installed
<input type="checkbox"/> 27.0.1	27.0.1	Not installed
<input type="checkbox"/> 27.0.0	27.0.0	Not installed
<input type="checkbox"/> 26.0.3	26.0.3	Not installed

☒ Hide Obsolete Packages ☒ Show Package Details

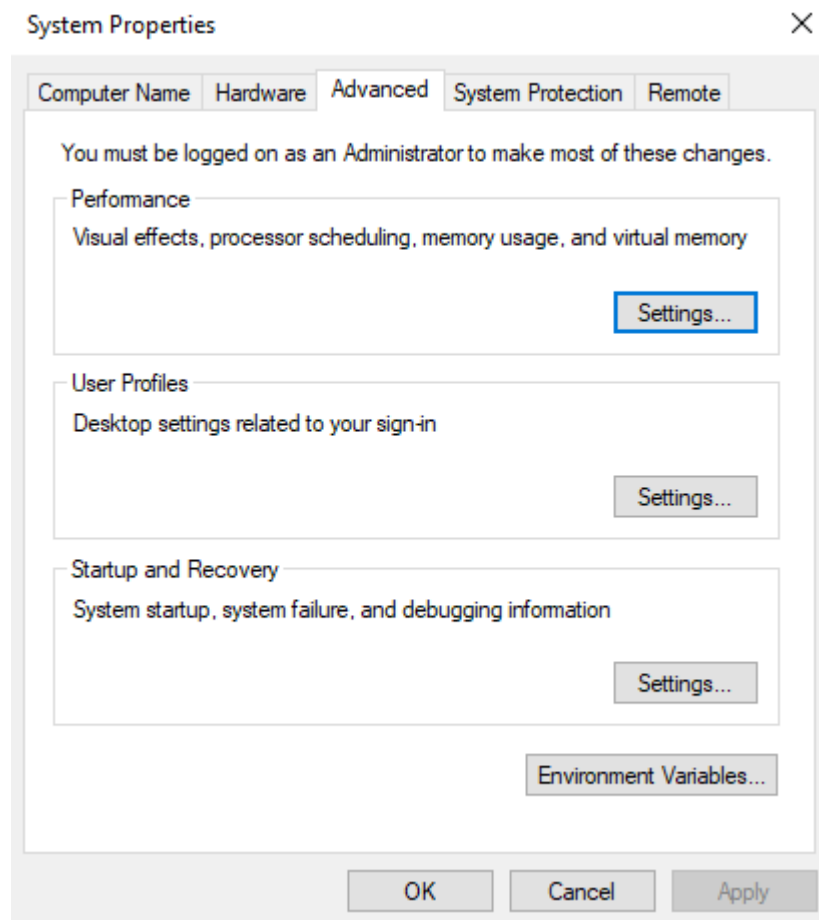
OK

Cancel

Apply



5. Setup PATH Environment Variable



6. Install REACT NATIVE CLI
7. Buat aplikasi pertamamu

```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\RK\Documents\React>npx react-native init ReactNativeDasar
This will walk you through creating a new React Native project in C:\Users\RK\Documents\React\ReactNativeDasar
'yarn' is not recognized as an internal or external command,
operable program or batch file.
Installing react-native...
Consider installing yarn to make this faster: https://yarnpkg.com
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#depre
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#depre
npm WARN deprecated uglify-es@3.3.9: support for ECMAScript is superseded by `ug
lify-js` as of v3.13.0

added 718 packages, and audited 719 packages in 2m

19 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
info Setting up new React Native app in C:\Users\RK\Documents\React\ReactNativeD
asar
(node:6848) Warning: Accessing non-existent property 'padLevels' of module expo
rts inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
info Adding required dependencies
npm WARN deprecated request-promise-native@1.0.9: request-promise-native has bee
n deprecated because it extends the now deprecated request package, see https://
github.com/request/request/issues/3142
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated babel-eslint@10.1.0: babel-eslint is now @babel/eslint-parse
r. This package will no longer receive updates.
npm WARN deprecated request@2.88.2: request has been deprecated, see https://git
hub.com/request/request/issues/3142

added 458 packages, and audited 1177 packages in 1m

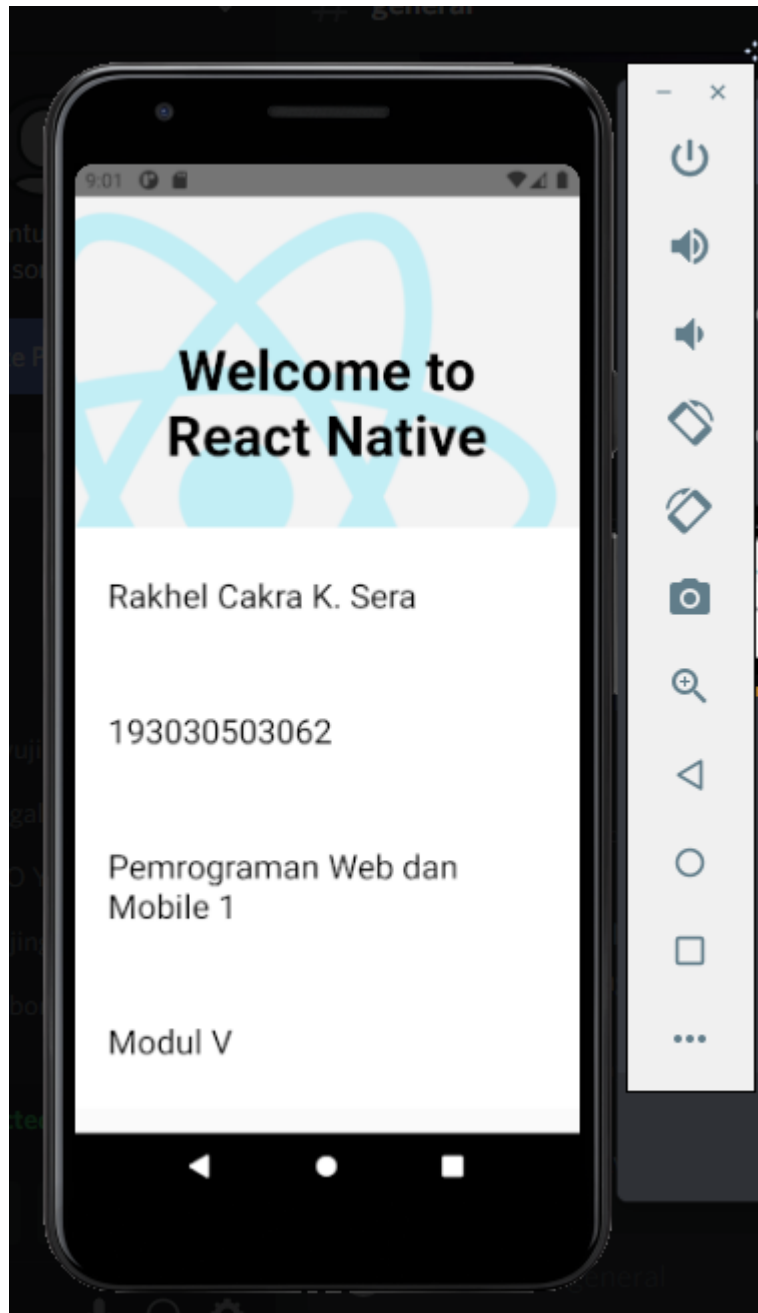
71 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
info Adding required dev dependencies
up to date, audited 1177 packages in 13s

71 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

Run instructions for Android:
  Have an Android emulator running (quickest way to get started), or a device
connected.
```



8. Setting device/emulator kamu
9. Menjalankan react native app di HP

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\RK\Documents\React\ReactNativeDasar>npx react-native run-android
info Running jetifier to migrate libraries to AndroidX. You can disable it using
"--no-jetifier" flag.
Jetifier found 903 file(s) to forward-jetify. Using 4 workers...
info JS server already running.
* daemon not running; starting now at tcp:5037
* daemon started successfully
info Launching emulator...
error Failed to launch emulator. Reason: Could not start emulator within 30 seconds..
warn Please launch an emulator manually or connect a device. Otherwise app may fail to launch.
info Installing the app...
Starting a Gradle Daemon (subsequent builds will be faster)

> Task :app:compileDebugJavaWithJavac

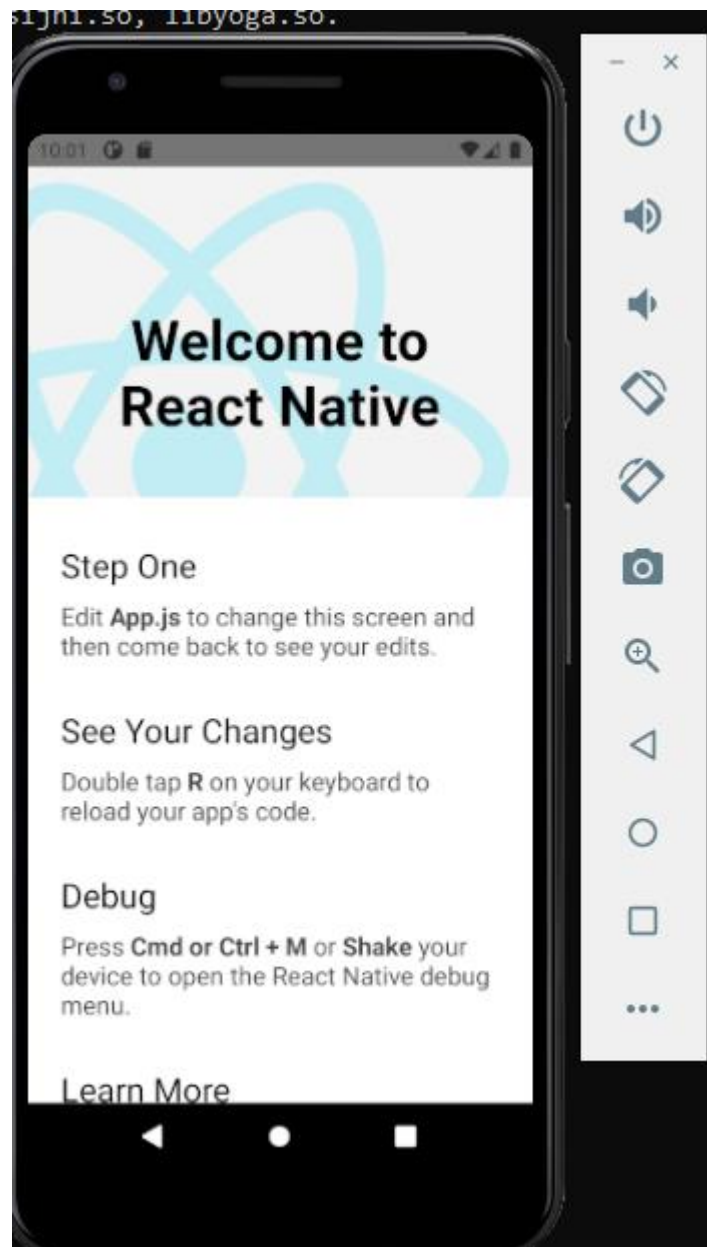
> Task :app:stripDebugDebugSymbols
Unable to strip the following libraries, packaging them as they are: libc++_shared.so, libevent-2.1.so, libevent_core-2.1.so, libevent_extra-2.1.so, libfb.so, libfbjni.so, libflipper.so, libfolly_futures.so, libfolly_json.so, libglog.so, libglog_init.so, libhermes-executor-common-debug.so, libhermes-executor-common-release.so, libhermes-executor-debug.so, libhermes-executor-release.so, libhermes-Inspector.so, libimagepipeline.so, libjsc.so, libjscexecutor.so, libjsi_jni_profile_r.so, libjsinspector.so, libnative_filters.so, libnative_image_transcoder.so, libreact_codegen_reactandroidspec.so, libreact_nativemodule_core.so, libreactnative_blob.so, libreactnativejni.so, libreactnativeutilsjni.so, libreactperfloggerjni.so, libturbo_module_jsi_jni.so, libyoga.so.

> Task :app:installDebug
Installing APK 'app-debug.apk' on 'Pixel_3a_API_30_x86(AVD) - 11' for app:debug
Installed on 1 device.

BUILD SUCCESSFUL in 6m 26s
29 actionable tasks: 29 executed
info Connecting to the development server...
8081
info Starting the app...
Starting: Intent { cmp=com.reactnatedasar/.MainActivity }

C:\Users\RK\Documents\React\ReactNativeDasar>
```

10. Edit Codingan APP



BAB III

KESIMPULAN

React memberikan segala kemudahan yang dibutuhkan programmer dalam mendevelop sebuah aplikasi yang ringan,cepat dan mudah digunakan. Selain itu ada juga React Native sebuah framework yang bisa kita gunakan untuk mengembangkan aplikasi Android dan IOS sekaligus dengan menggunakan bahasa JavaScript

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LAMPIRAN

```
Administrator: Command Prompt

Microsoft Windows [Version 10.0.19041.928]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>@"%SystemRoot%\System32\WindowsPowerShell\v1.0\powershell.exe" -NoProfile -InputFormat None -ExecutionPolicy Bypass -Command "iex ((New-Object System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))
&& SET "PATH=%PATH%;%ALLUSERSPROFILE%\chocolatey\bin"
Forcing web requests to allow TLS v1.2 (Required for requests to Chocolatey.org)
Getting latest version of the Chocolatey package for download.
Not using proxy.
Getting Chocolatey from https://community.chocolatey.org/api/v2/package/chocolatey/0.10.15.
Downloading https://community.chocolatey.org/api/v2/package/chocolatey/0.10.15 to C:\Users\ASUS\AppData\Local\Temp\chocolatey\chocoInstall\chocolatey.zip
Not using proxy.
Extracting C:\Users\ASUS\AppData\Local\Temp\chocolatey\chocoInstall\chocolatey.zip to C:\Users\ASUS\AppData\Local\Temp\chocolatey\chocoInstall
Installing Chocolatey on the local machine
Creating ChocolateyInstall as an environment variable (targeting 'Machine')
  Setting ChocolateyInstall to 'C:\ProgramData\chocolatey'
WARNING: It's very likely you will need to close and reopen your shell
  before you can use choco.
Restricting write permissions to Administrators
We are setting up the Chocolatey package repository.
The packages themselves go to 'C:\ProgramData\chocolatey\lib'
  (i.e. C:\ProgramData\chocolatey\lib\yourPackageName).
A shim file for the command line goes to 'C:\ProgramData\chocolatey\bin'
  and points to an executable in 'C:\ProgramData\chocolatey\lib\yourPackageName'.

Creating Chocolatey folders if they do not already exist.

WARNING: You can safely ignore errors related to missing log files when
WARNING: You can safely ignore errors related to missing log files when
  upgrading from a version of Chocolatey less than 0.9.9.
  'Batch file could not be found' is also safe to ignore.
  'The system cannot find the file specified' - also safe.
chocolatey.nupkg file not installed in lib.
  Attempting to locate it from bootstrapper.
PATH environment variable does not have C:\ProgramData\chocolatey\bin in it. Adding...
WARNING: Not setting tab completion: Profile file does not exist at
'C:\Users\ASUS\Documents\WindowsPowerShell\Microsoft.PowerShell_profile.ps1'.
Chocolatey (choco.exe) is now ready.
You can call choco from anywhere, command line or powershell by typing choco.
Run choco /? for a list of functions.
You may need to shut down and restart powershell and/or consoles
  first prior to using choco.
Ensuring Chocolatey commands are on the path
Ensuring chocolatey.nupkg is in the lib folder
```

```
Administrator: Command Prompt

C:\WINDOWS\system32>choco install -y nodejs.install python2 jdk8
Chocolatey v0.10.15
Installing the following packages:
nodejs.install;python2;jdk8
By installing you accept licenses for the packages.
Progress: Downloading nodejs.install 16.1.0... 100%

nodejs.install v16.1.0 [Approved]
nodejs.install package files install completed. Performing other installation steps.
Installing 64 bit version
Installing nodejs.install...
nodejs.install has been installed.
  nodejs.install may be able to be automatically uninstalled.
Environment Vars (like PATH) have changed. Close/reopen your shell to
  see the changes (or in powershell/cmd.exe just type `refreshenv`).
  The install of nodejs.install was successful.
  Software installed as 'msi', install location is likely default.
Progress: Downloading python2 2.7.18... 100%

python2 v2.7.18 [Approved]
python2 package files install completed. Performing other installation steps.
Installing 64-bit python2...
python2 has been installed.
Installed to 'C:\Python27'
Adding C:\Python27 to PATH if needed
  python2 may be able to be automatically uninstalled.
Environment Vars (like PATH) have changed. Close/reopen your shell to
  see the changes (or in powershell/cmd.exe just type `refreshenv`).
  The install of python2 was successful.
  Software installed as 'msi', install location is likely default.
```

```
Select Administrator: Command Prompt

Progress: Downloading jdk8 8.0.211... 100%

jdk8 v8.0.211 [Approved]
jdk8 package files install completed. Performing other installation steps.
Downloading JDK from https://javadl.oracle.com/webapps/download/GetFile/1.8.0_211-b12/478a62b7d4e34b78b671c754eaf38
indows-i586/jdk-8u211-windows-x64.exe
Installing jdk8...
jdk8 has been installed.
PATH environment variable does not have C:\Program Files\Java\jdk1.8.0_211\bin in it. Adding...
jdk8 may be able to be automatically uninstalled.
Environment Vars (like PATH) have changed. Close/reopen your shell to
see the changes (or in powershell/cmd.exe just type `refreshenv`).
The install of jdk8 was successful.
Software installed to 'C:\Program Files\Java\jdk1.8.0_211\'

Chocolatey installed 3/3 packages.
See the log for details (C:\ProgramData\chocolatey\logs\chocolatey.log).

C:\WINDOWS\system32>
```

developers

PlatformAndroid StudioGoogle PlayJetpackKotlinLainnya

Penelusuran

LanguageMasuk

ANDROID STUDIO


Download

Yang baru

Panduan pengguna

Pratinjau

android studio



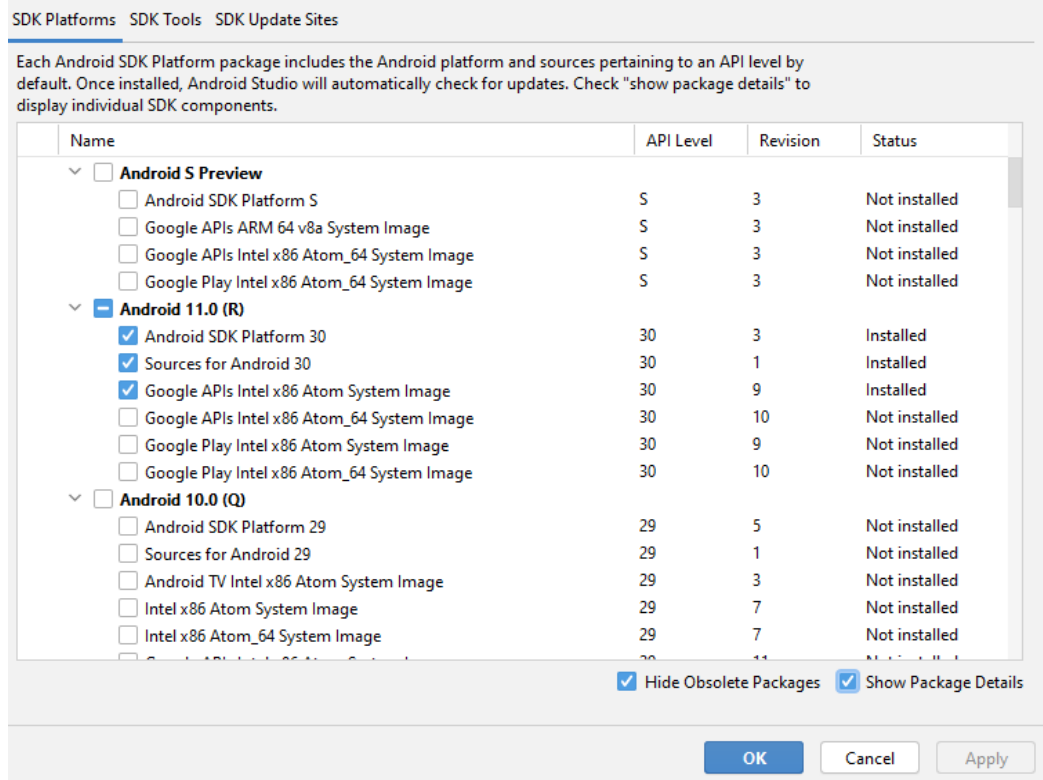
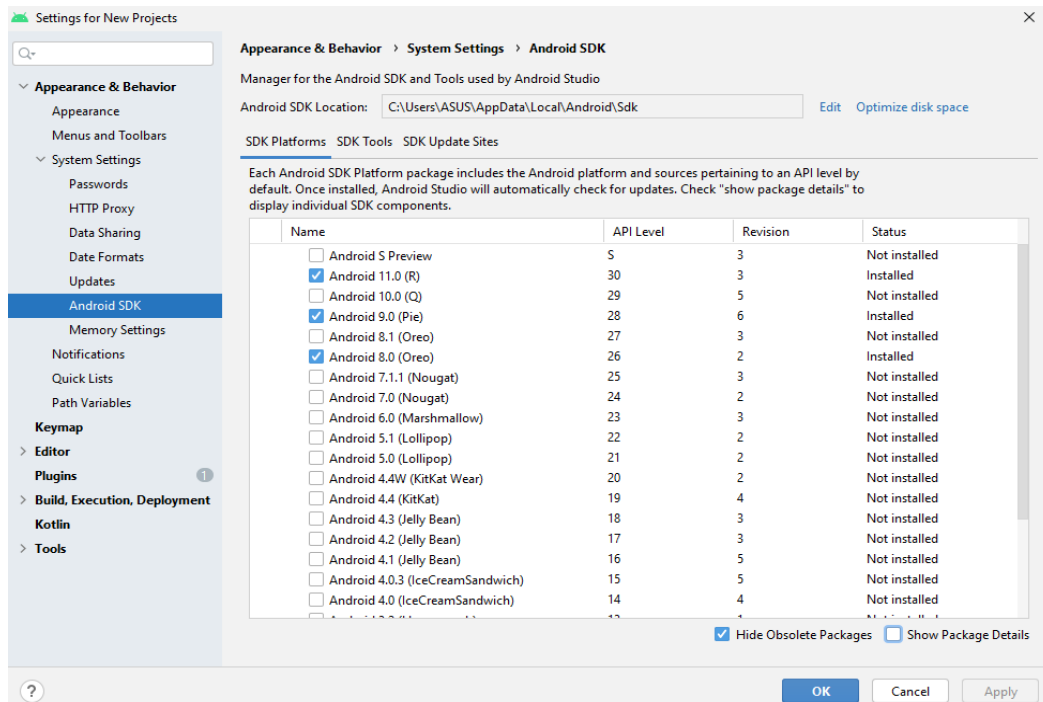
Android Studio provides the fastest tools for building apps on every type of Android device.

Download Android Studio

4.2 for Windows 64-bit (934 MiB)

Download options

Release notes



Each Android SDK Platform package includes the Android platform and sources pertaining to an API level by default. Once installed, Android Studio will automatically check for updates. Check "show package details" to display individual SDK components.

Name	API Level	Revision	Status
<input type="checkbox"/> Google APIs Intel x86 Atom System Image	29	11	Not installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	29	11	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	29	8	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom_64 System Image	29	8	Not installed
Android 9.0 (Pie)			
<input checked="" type="checkbox"/> Android SDK Platform 28	28	6	Installed
<input checked="" type="checkbox"/> Sources for Android 28	28	1	Installed
<input type="checkbox"/> Android TV Intel x86 Atom System Image	28	10	Not installed
<input type="checkbox"/> China version of Wear OS Intel x86 Atom System Image	28	5	Not installed
<input type="checkbox"/> Wear OS Intel x86 Atom System Image	28	5	Not installed
<input type="checkbox"/> Intel x86 Atom System Image	28	4	Not installed
<input type="checkbox"/> Intel x86 Atom_64 System Image	28	4	Not installed
<input checked="" type="checkbox"/> Google APIs Intel x86 Atom System Image	28	12	Installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	28	11	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	28	9	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom_64 System Image	28	8	Not installed
Android 8.1 (Oreo)			
<input type="checkbox"/> Android SDK Platform 27	27	3	Not installed

☒ Hide Obsolete Packages ☒ Show Package Details

OK

Cancel

Apply

Each Android SDK Platform package includes the Android platform and sources pertaining to an API level by default. Once installed, Android Studio will automatically check for updates. Check "show package details" to display individual SDK components.

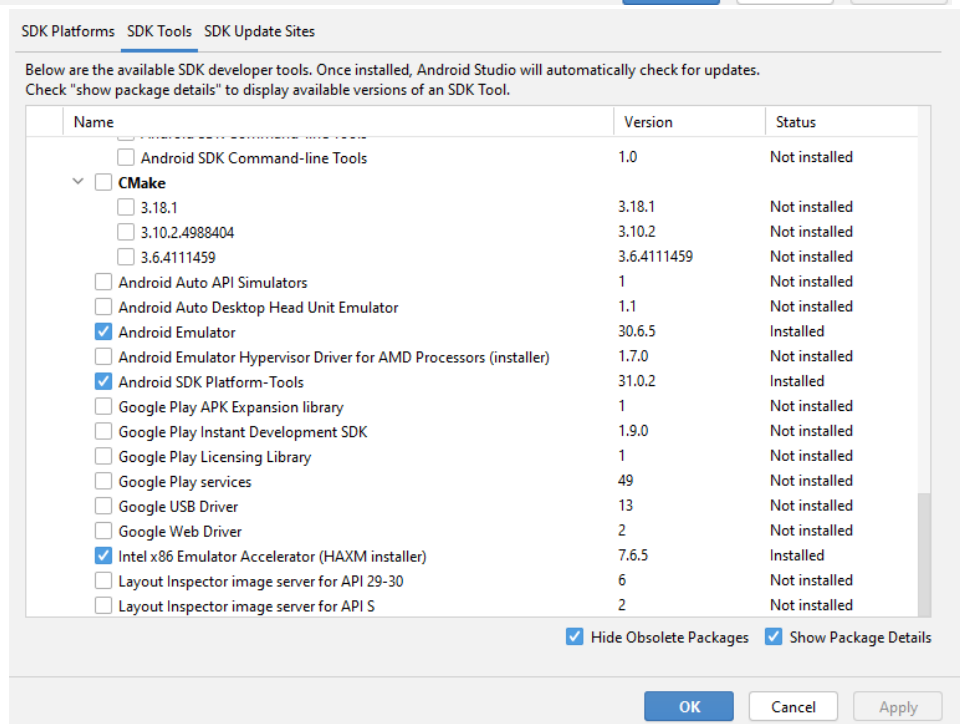
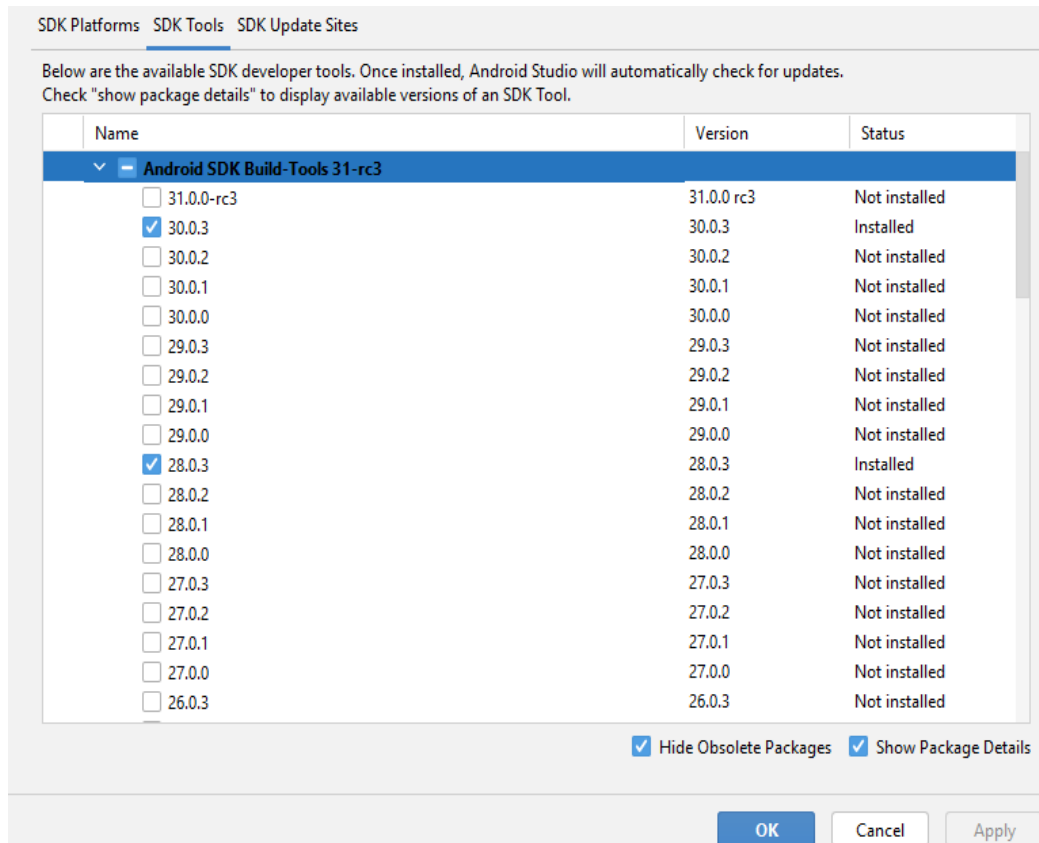
Name	API Level	Revision	Status
<input type="checkbox"/> Sources for Android 27	27	1	Not installed
<input type="checkbox"/> Android TV Intel x86 Atom System Image	27	9	Not installed
<input type="checkbox"/> Intel x86 Atom System Image	27	1	Not installed
<input type="checkbox"/> Intel x86 Atom_64 System Image	27	1	Not installed
<input type="checkbox"/> Google APIs Intel x86 Atom System Image	27	11	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	27	3	Not installed
Android 8.0 (Oreo)			
<input checked="" type="checkbox"/> Android SDK Platform 26	26	2	Installed
<input checked="" type="checkbox"/> Sources for Android 26	26	1	Installed
<input type="checkbox"/> Android TV Intel x86 Atom System Image	26	14	Not installed
<input type="checkbox"/> China version of Android Wear Intel x86 Atom System Image	26	4	Not installed
<input type="checkbox"/> Android Wear Intel x86 Atom System Image	26	4	Not installed
<input type="checkbox"/> Intel x86 Atom System Image	26	1	Not installed
<input type="checkbox"/> Intel x86 Atom_64 System Image	26	1	Not installed
<input checked="" type="checkbox"/> Google APIs Intel x86 Atom System Image	26	16	Installed
<input type="checkbox"/> Google APIs Intel x86 Atom_64 System Image	26	16	Not installed
<input type="checkbox"/> Google Play Intel x86 Atom System Image	26	7	Not installed
Android 7.1.1 (Nougat)			

☒ Hide Obsolete Packages ☒ Show Package Details

OK

Cancel

Apply



System Properties



Computer Name Hardware **Advanced** System Protection Remote

You must be logged on as an Administrator to make most of these changes.

Performance

Visual effects, processor scheduling, memory usage, and virtual memory

Settings...

User Profiles

Desktop settings related to your sign-in

Settings...

Startup and Recovery

System startup, system failure, and debugging information

Settings...

Environment Variables...

OK

Cancel

Apply

```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\RK\Documents\React>npx react-native init ReactNativeDasar
This will walk you through creating a new React Native project in C:\Users\RK\Documents\React\ReactNativeDasar
'yarn' is not recognized as an internal or external command,
operable program or batch file.
Installing react-native...
Consider installing yarn to make this faster: https://yarnpkg.com
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#depre
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#depre
npm WARN deprecated uglify-es@3.3.9: support for ECMAScript is superseded by `ug
lify-js` as of v3.13.0

added 718 packages, and audited 719 packages in 2m

19 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
info Setting up new React Native app in C:\Users\RK\Documents\React\ReactNativeD
asar
(node:6848) Warning: Accessing non-existent property 'padLevels' of module expo
rts inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
info Adding required dependencies
npm WARN deprecated request-promise-native@1.0.9: request-promise-native has bee
n deprecated because it extends the now deprecated request package, see https://
github.com/request/request/issues/3142
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated babel-eslint@10.1.0: babel-eslint is now @babel/eslint-parse
r. This package will no longer receive updates.
npm WARN deprecated request@2.88.2: request has been deprecated, see https://git
hub.com/request/request/issues/3142

added 458 packages, and audited 1177 packages in 1m

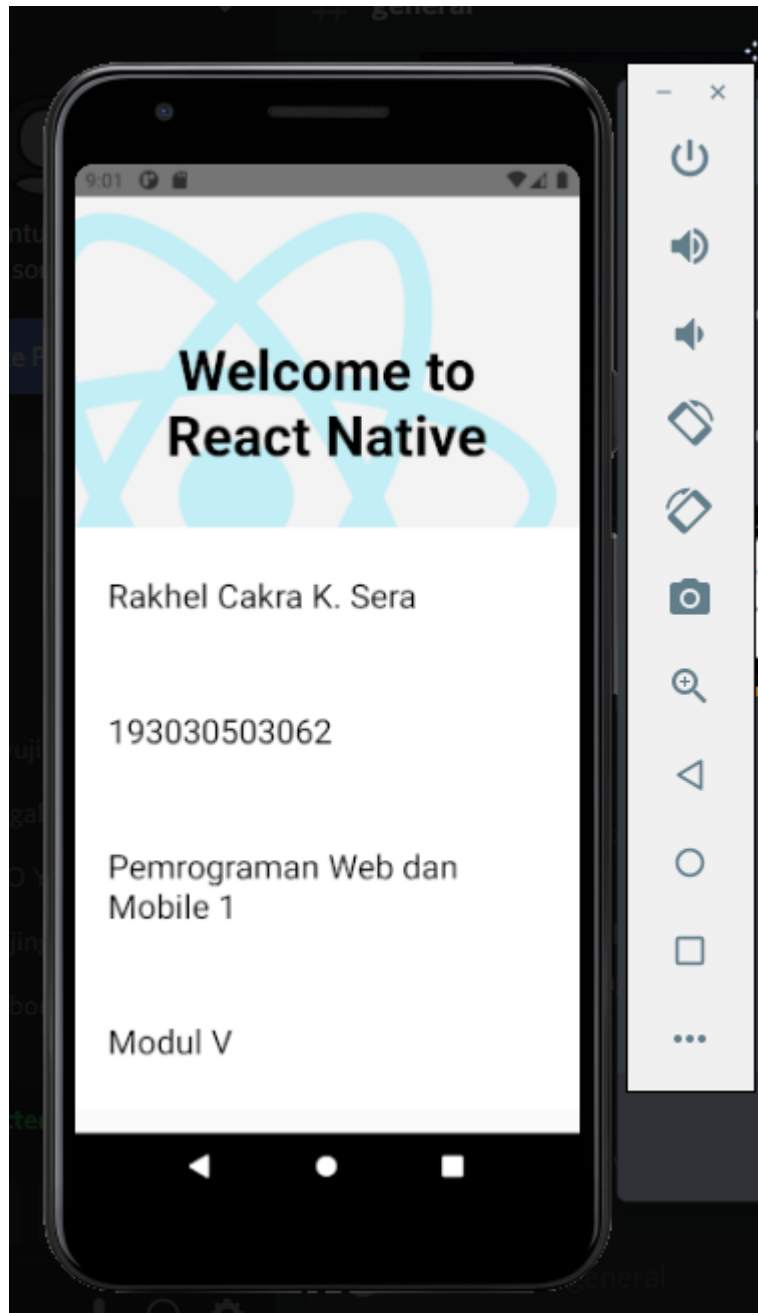
71 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
info Adding required dev dependencies
up to date, audited 1177 packages in 13s

71 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

Run instructions for Android:
  Have an Android emulator running (quickest way to get started), or a device
connected.
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\RK\Documents\React\ReactNativeDasar>npx react-native run-android
info Running jetifier to migrate libraries to AndroidX. You can disable it using
"--no-jetifier" flag.
Jetifier found 903 file(s) to forward-jetify. Using 4 workers...
info JS server already running.
* daemon not running; starting now at tcp:5037
* daemon started successfully
info Launching emulator...
error Failed to launch emulator. Reason: Could not start emulator within 30 seconds..
warn Please launch an emulator manually or connect a device. Otherwise app may fail to launch.
info Installing the app...
Starting a Gradle Daemon (subsequent builds will be faster)

> Task :app:compileDebugJavaWithJavac

> Task :app:stripDebugDebugSymbols
Unable to strip the following libraries, packaging them as they are: libc++_shared.so, libevent-2.1.so, libevent_core-2.1.so, libevent_extra-2.1.so, libfb.so, libfbjni.so, libflipper.so, libfolly_futures.so, libfolly_json.so, libglog.so, libglog_init.so, libhermes-executor-common-debug.so, libhermes-executor-common-release.so, libhermes-executor-debug.so, libhermes-executor-release.so, libhermes-Inspector.so, libimagepipeline.so, libjsc.so, libjscexecutor.so, libjsi_jni_profile_r.so, libjsinspector.so, libnative_filters.so, libnative_image_transcoder.so, libreact_codegen_reactandroidspec.so, libreact_nativemodule_core.so, libreactnative_blob.so, libreactnativejni.so, libreactnativeutilsjni.so, libreactperfloggerjni.so, libturbo_module_jsi_jni.so, libyoga.so.

> Task :app:installDebug
Installing APK 'app-debug.apk' on 'Pixel_3a_API_30_x86(AVD) - 11' for app:debug
Installed on 1 device.

BUILD SUCCESSFUL in 6m 26s
29 actionable tasks: 29 executed
info Connecting to the development server...
8081
info Starting the app...
Starting: Intent < cmp=com.reactnatedasar/.MainActivity >

C:\Users\RK\Documents\React\ReactNativeDasar>
```

