# FairPay Install Guide (Expo version)

1. Requirement

## 1.1. Setup Android Studio IDE (for Android developer)

Follow Android Studio official page to install <https://developer.android.com/studio/install>

For this version, we are using **Android Studio Arctic Fox | 2020.3.1 Patch 2**

****After install Android Studio IDE, we need create virtual device.

Open Android Studio IDE, select AVD Manager

Click **Create Virtual Device...**

****Then download API 30, create a virtual device like image above

## 1.2. Setup xCode IDE (for iOS developer)

Follow Apple official page to install <https://developer.apple.com/xcode/>

## 1.3. Install NodeJS

For easy change and update NodeJS version, we will use NVM.

<https://github.com/nvm-sh/nvm>

⚠️ You can install directly with NodeJS official page <https://nodejs.org/en/download/>

After install, check version with command below. Please use NodeJS with 14.x version and NPM is 6.x version.

$ node --version  
v14.17.5  
  
$ npm --version  
6.14.14

## 1.4. Install yarn

Follow Yarn official page to install <https://classic.yarnpkg.com/en/docs/install/>

After install, check version with command below. Please use version 1.22.11+

$ yarn --version  
1.22.11

## 1.5. Install expo-cli

Follow Expo official page to install <https://docs.expo.dev/workflow/expo-cli/>

After install, check version with command below. Please use version 4.11.0+

$ expo-cli --version  
4.11.0

# 2. Run project

Please extract project source code, then use terminal to access project source code directory.

$ cd <project-source-code-directory>

Use list command, we can see project files like image below.

Then, run yarn command to install NodeJS modules packages

$ yarn

Finally, we will start project with iOS simulator or Android virtual device with command below.

$ yarn ios

$ yarn android



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