Elite Properties

(Android App)

Requirements to run an android application

* Android Studio
* Android Virtual Device or Real Android Device.

Instructions to run an android application.

* Install android studio

Go to <https://developer.android.com/studio> to download the exe or zip file to download the latest version of Android Studio.

To install Android Studio on Windows, proceed as follows:

1. If you downloaded an .exe file (recommended), double-click to launch it.
2. If you downloaded a .zip file, unpack the ZIP, copy the android-studio folder into your Program Files folder, and then open the android-studio > bin folder and launch studio64.exe (for 64-bit machines) or studio.exe (for 32-bit machines).

Follow the setup wizard in Android Studio and install any SDK packages that it recommends.

A detailed video of installation is also available on this page <https://developer.android.com/studio/install>

* Create an android virtual device using android studio.

Steps to create a virtual device

1. To create a new AVD:
2. Open the Device Manager.
3. Click Create Device.

The Select Hardware window appears.

Select a hardware profile, and then click Next.

* If you don't see the hardware profile you want, you can create or import a hardware profile.
* The System Image page appears.
* Select the system image for a particular API level, and then click Next.
* The Recommended tab lists recommended system images. The other tabs include a more complete list. The right pane describes the selected system image. x86 images run the fastest in the emulator. API 21 is recommended for this application.
* If you see Download next to the system image, you need to click it to download the system image. You must be connected to the internet to download it. API 21 is recommended for this application
* Change AVD properties as needed, and then click Finish.
* Click Show Advanced Settings to show more settings, such as the skin.

The AVD appears in the Virtual tab of the Device Manager.

* If you are using the physical device, then there is no need to create a virtual device just connect the device with computer system and install USB driver if required and activate the Developer mode on your physical device. It will show in the device manager tab in the android studio. To Activate the developer option, follow these steps. Go to Settings > Software Information > build Number and click seven times to activate developer options. And turn on USB debugging option inside Developer Options.
* A detailed article is available on <https://developer.android.com/studio/run/device> for additional Information.

Running an Android application

After completing the installation follow these steps to run the application

1. open android studio and click on open menu inside file menu.
2. An explorer window will open, explore the project, and select folder and click OK. It will take some time to update Gradle file and other necessary changes.
3. Click on a green play button to run this application available on the top-right corner on the android studio. It will take some time to build the Gradle file and install the APK file on virtual device. After the installation it launch the application.