

In some cases, progressive web apps are suitable for users, but sometimes native apps would be better for the user's choice.

Native apps are written to run on mobile devices such as IOS is developed in Swift and Android is developed in Java. Progressive web apps are written in HTML, CSS, and Javascript and run inside a web browser. Because the progressive web app runs inside the web browser, it can use on any device.

The progressive web app has a lower cost of development because it uses the same languages, HTML, CSS, and Javascript. You can have one single codebase for various platforms. On the other hand, to develop a native app we have to use a specific language such as Swift for IOS and Java for Android. As a result, the native app will increase the cost of development and maintenance.

When created, the progressive web app is very convenient in distribution to any platform. Web browser exists on any device, so distributing the progressive web app is not a big deal. With a native app, besides developing separate versions for different platforms, you will have to submit them to separate app stores.

The progressive web app requires no installation, while the native apps require installation from different app stores.

The progressive web apps can use offline, but the native app can't. Opening an application in a progressive web app takes less time than it does in a native app.

Sometimes an application requires apps that do not exist in the browser, the native apps would be a winner. For example, an application that requires a fingerprint.

Native apps are more secure than progressive web apps. Native apps are written for a specific operating system, so it is more secure to access internal apps when using a native app.

In conclusion, consider a progressive web app when you have just started and want a simple app for a user that requires no time to download, and you have less time and money to develop and publish. Consider a native app if you want to build and publish secured apps that utilize advanced smartphone features.