

The wizard chooses the development platform for the application - Application Development Platform

Although the application development platform can be a dream turned into reality, if you do not choose the right tool, you can freely design the final product that you still visualize in your head - not your product. The product that the platform's limit forces you to create - is probably just a dream.

Theoretically, the **application development platform** (the software used to build, test and deploy applications) must be like a dream come true. It gives developers the experience of designing or writing code at any level the opportunity to build applications, helping the process grow faster than building from zero. Other shortcuts, many application development platforms bring their own limitations.

Using an application development platform often means that you have to give up the efficiency that native source code languages ??provide. In addition, you also need to learn more functions or specific solutions for each platform. This can lead to poor cooperation between designers, developers, and owners, and always carries the risk of turning you into a person behind the latest and greatest features of the system or part. Hard if the solution you choose is less updated than the era.

These obstacles do not mean that the application development platform is never a right solution. It's important to be careful and choose the right solution for you. Here are **7 things to keep in mind when choosing an application development platform** .

1. Ensure the tool you choose can keep up with the latest changes

The mobile industry is growing at an incredibly fast pace and keeping up with that development without the 3rd party software pulling you down is already hard enough. Many application development tools are having problems **keeping up with the latest changes of the iOS and Android operating systems** , which can make your business a few years late if you use error versions. time. Make sure the solution you choose can support the latest operating system, not just hoping it will catch up quickly.



2. Make sure the platform you choose can increase actual efficiency

Avoid platforms that require you to do too much work, perhaps writing code from scratch. **The main purpose of an application development platform is to make the development process more efficient**. Eliminating time-consuming steps in the code writing process will help you focus on more important things, such as creating new features for your application. If you often have to go back and fix what the application development platform has done, it won't ultimately save you much time. Save time writing code not to bundle that time to fix bugs.

3. Avoid heavy black box code and framework framework

A good application development tool can save you time by performing repetitive tasks. But that doesn't mean you don't have the option to do all the work manually if necessary. **Beware of application development platforms that limit access to your source code** or rely too much on the frameworks they've built - you'll never know what's inside.

4. Don't be restricted by templates

Templates can be a good choice to quickly bring up the application of a "correct first try" structure, but it can also be very limited. **A template can be a starting point, not something you will have to choose to be grateful for and relying on it.** Do not sacrifice brand identity for anything else in exchange for efficiency. If an application development platform requires you to use one of the templates and not allow customization to bring your own image then you should probably choose another tool - many of them are developed. based on template, not completely dependent on template.



5. No compromise with UX - User Experience - user experience

As well as not letting the template decide on the app's appearance, you shouldn't let the app's capability determine the user interface. Users must always be placed on top. An application development platform with limited interface design options is fine - as long as they are the choices you need or the platform allows you to add other components or plug-ins. But if what it brings cannot be compared to the design you think of, then maybe choose another solution.

6. Do not sacrifice performance or performance

The reason many application development platforms can bring applications to work on multiple platforms is because they are hybrid applications - written in web languages ??but including native wrappers to add function. Even if applications can work normally but when they affect the speed of operation or other features of the application it is not worth it. **At the very least, look for an application development platform that supports editing the source code so you can rebuild the missing features when needed** . In addition, if speed and responsiveness are crucial in your application, then you should focus on true original application development platforms.

7. Do not learn a few user languages ??to use that platform

If you choose a hybrid application solution, consider what language you will use during development. **Popular languages ??like Swift, Objective-C, Java or JavaScript are better** because even if you don't know the language, it is easy to search for a person to help you code manually. If you're stuck with less-user languages ?? like Dart, it's not just the project that stagnates while you learn the new language, but sometimes you can't increase the number of developers in your group. Choose the languages ??you know or popular in the industry at the moment.



Conclude

Although the application development platform can be a dream turned into reality, if you do not choose the right tool, you can freely design the final product that you still visualize in your head - not your product. The product that the platform's limit forces you to create - is probably just a dream. Look for features such as the ability to integrate APIs, powerful plug-in systems and make sure you can write your own code in the language that you are most comfortable with.

In the best conditions, the application development platform will improve the efficiency of the work cycle. If the solution you choose is not effective, don't be afraid to look for another solution.

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