**Android Studio vs Ionic vs React Native**

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|  | **PRO** | **CONS** |
| Android Studio | * Hardware independence * Java and Kotlin as programming languages * Better user interface * Better positioning on app stores than hybrid apps | * Fragmented devices; lots to support (screen sizes, performance, sensors) * Fragmented OS; lots of users will be on a range of OS versions * Developing is time consuming |
| Ionic | * Platform independent * Wrapped by Cordova and PhoneGap * TypeScript for developing apps for all platforms * compatible with both Web View of Android and UI web view of iOS. | * Performance issues when using too many callbacks to the native code * The development of advanced interactive or graphics transitions can turn out to be really difficult. * The necessity to know RxJS that may significantly reduce the learning curve. * It is quite difficult to develop interactive transitions or advanced graphics |
| React Native | * Possibility of reusing existing code * Huge developers community * Faster problem-solving; the issue can be discussed in the community * The code is independent of platforms (iOS or Android) — it can be used across both platforms * Comparatively stable | * Created for iOS => components for Android may require some efforts from you. * It can be difficult to convert the entire HTML code to the native one |

Github link: <https://github.com/MariaBrob/dapm>