Assignment # 1

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# A comparison of Native and Cross Platform mobile app development.

* A Native app development is the process of building an application for a particular platform, while cross-platform development is the process of building an application for several platforms based on a single source code.
* Native app development is time taking process, while on cross-platform, developers can save much time as compared to Native applications development.
* Native application development is also costly as compared to cross-platform application development.
* In cross-platform development single code can be used for several platform, but you need different teams for different platforms to work on different code.
* Must do lot of work to make updates in Native application development, When the development team discovers an essential and urgent update, updating several native apps will take more time.

# Different scenarios where each native and cross platform mobile app development is preferred.

## Native Application Development:

* The risks can be very high for certain types of mobile applications, such as a mobile banking app. In these scenarios, native mobile development would be a better route.
* For apps that need accelerated performance, native mobile development is often the best fit.

## Cross-Platform Application Development:

* You want to ship the product early to start getting quality feedback from users. Cross-platform app development would be the best fit for this scenario.
* For lower budgets, opt for cross-platform apps, as you only need a small team. Additionally, cross-platform development allows you to keep costs in check by reusing your code and projects.

# List of frameworks/Tech Stack for cross platform mobile Application development.

List is as follows:

* Flutter
* React Native
* Ionic
* Node.JS
* Xamarin
* Native Script
* PhoneGap
* Corona SDK
* Sencha Touch
* Appcelerator Titanium