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Subject: MAD (Theory)

Assignment no: 01

Date: 02-Oct-2022

**Q no: 1**

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

**Answer:**

Native Mobile App Development:

* Native Mobile app development platform is use to build apps for a particular operating system. Either Android or iOS.
* We write code in a specific language depending upon operating system.
* Native Apps have fast performance due to platform specific.
* Native Development cost is high because you need teams of different developers for different languages.
* Native development use more time because Separate teams working on similar apps for separate platforms take time.
* You cannot reuse the code in Native platform.

Cross Mobile App Development:

* Cross Mobile app development platform is use to build apps for different operating systems. Cross platforms apps can be deployed on both Android and iOS.
* Cross platform use a single base code for developing applications.
* Cost for cross app development is less as compare to Native. Because development need only a single team of developer.
* Cross Development use less time as Comair to Native.
* Updating a cross-platform app is easier. This is because you are dealing with a single codebase.
* Code reusability is allowed in Cross plate form.

**Q no: 2**

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

**Answer:**

Here are some scenarios according to which native and mobile app development is preferred:

1. Cost:

If you have limited budge then cross platform is best decision for Application development. Performance of Native development produce apps with high performance but they are costly.

1. Application Complexity:

If a heavy processing is required for your application, you must need Native application development. If you want to build an app for just only to show data fetched form different networks then cross platform is best.

1. Development Time:

If you need to complete a project as soon as possible and don’t need to create separate apps for android and iOS. Cross platform is best approach. Because only single cycle is use to create app for both android and iOS.

**Q no 3:**

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

**Answer:**

The following are some best frameworks for cross platform Application development:

Ionic

### React Native

### Flutter

### NativeScript

### Node.js

### PhoneGap and  Xamarin