1. With your knowledge on application development frameworks provide the framework

React Native seems to be a JavaScript framework for creating real-time, natively rendered mobile apps for iOS and Android. It is indeed built on React, Facebook's JavaScript toolkit for creating user interfaces, but instead of being aimed at browsers, it is indeed aimed at mobile platforms. In plenty of other words, web developers nowadays can create mobile applications that look and feel fully "native," even when using the familiar but also beloved JavaScript library. Furthermore, since most of the code you create can always be shared across platforms, React Native makes it very simple to develop for both Android and iOS at about the same time(“1. What Is React Native?” n.d.).

1. solution you would propose to develop “ToDoNotes”. Justify your answer.

I use react native because as developer very much familiar with java script. React native also combine with the java script. Thus, I use react native to implement “ToDoNotes”, as well as requirement of the assignment also react native.

1. Compare and contrast your frameworks with other available mobile frameworks stating the pros and cons (3 points each for pros and cons)

|  |  |
| --- | --- |
| Pros | Cons |
| * Hybrid | * Application heavy wait |
| * Cross platform -ios and android | * Less performance than native applications |
| * Single code base | * To make direct accessing developer must use packages |

1. Suggest a value-added feature for “ToDoNotes” showing your creativity
2. What are the considerations done when deciding a mobile application framework?

Excellent Mobile apps should have certain qualities and characteristics, namely(Wardynski, n.d.):

* Scalable
* Secure
* Fast
* Supplies great usability
* Solves a key problem
* Is Cross-platform and operable in offline mode
* Always offers excellent performance

1. State your favorite mobile application explaining why

My favorite mobile application is Facebook, there are so many reasons behind that, such as.

* It can run any platform such as windows, android and ios .
* We can communicate people.
* Can make new friendships
* React native application

References

1. What Is React Native? - Learning React Native [Book] [WWW Document], n.d. URL https://www.oreilly.com/library/view/learning-react-native/9781491929049/ch01.html (accessed 10.15.21).

Wardynski, D.J., n.d. Which Mobile Development Framework Is Right for You? [WWW Document]. URL https://www.brainspire.com/blog/which-mobile-development-framework-is-right-for-you (accessed 10.15.21).