Application Development

Task 1

1.

I would like to propose React Native for developing the application because they allow the developers to create cross platform native apps using their JavaScript and ReactJS which means no extra writing separate codes for Android or IOS, which saves time and develops a powerful app within a short time. It also allows the developers to code the way they want.

2.

Pros and Cons of React Native and Xamarin

Pro's

Xamarin	React Native
Amazing Support	Available for 3rd party libraries
Separate UI for different platforms	Learn once, write everywhere
Most Native	Easy entry because of JavaScript

Con's

Xamarin	React Native
API's should update to support the latest IOS and android SDKs	Not the best option for apps that rely heavily on APIs
UI development for different platforms (Xamarin Native)	UI development for different platforms (Xamarin Native)
Heavy linking of codes between NET frameworks and IOS/android/windows	Does not support all the native features in Android and IOS

3. A feature that makes the Todo items pop-up before 15 minutes to the given deadline as reminders.

4. To decide an application framework first we must know the type of UI we need in our application. Then learn about our target audience and about the platform and decide which platform we would use this application on. And then about the design of the application and find the best framework that would allow us to develop the features we need easily for the given platform and budget.

5. I would say WhatsApp is my favourite application because you don't need any login passwords or emails and once you get the application it automatically syncs with your phone contacts; the application is user friendly without any complications. A person of any age could understand how to use the application easily. Free registration and login process is simple; it only needs to save a person's number on your phone contact list in order to do anything using WhatsApp.