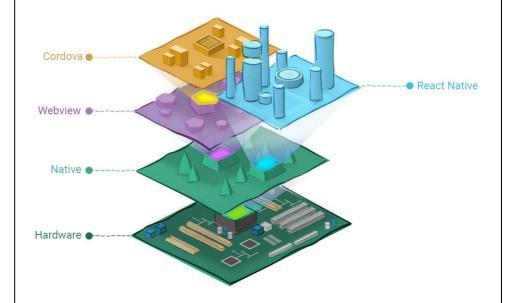
Main Points/Key Points	Notes
	Types of Mobile Apps
	 Types of Mobile Applications: Mobile Web. Responsive design. It requires an Internet connection. Unable to upload to any app store. Does not have the same physical format as the native application. Hybrid Mobile Application. It uses common web technologies for application development (HTML, CSS & JavaScript). It uses the next generation of JavaScript, which is ES6. Unified programming language reduces the development time. Write once, run on every platform. Suitable for web developer.
	vi. You can upload the application to app stores. c. Native Mobile Application. i. It uses specific programming language for every mobile platform. 1. Java for android, Objective-C, Swift for iOS, .Net for windows phone. ii. For an application to be run on multiple platforms it needs to be developed separately. iii. It is faster compared to mobile web and hybrid applications. iv. Different skill sets for different platforms. v. You can upload the application to app stores. Summary

Main Points/Key Points

Notes

Types of Mobile Apps



React Native vs. Cordova, Phonegap, Ionic, etc. (Ye, 2018)

- 2. Hybrid Mobile Architecture.
 - a. Apache Cordova, PhoneGap, Ionic are using Webview to interact with the hardware. It requires an intermediary for the interaction.
 - b. The used of Webview slow down the realtime interaction with the hardware.
 - c. React Native and Flutter run on top of the Native layer to interactive with the hardware.
 - d. The creation of their own interaction layer on top of Native allows faster communication with the hardware.

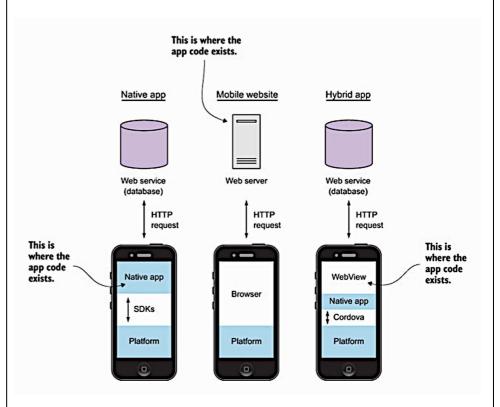
Summary

Main Points/Key Points

Notes

Type of Mobile Apps

3. Types of Mobile Apps Summary



Native, Mobile Website and Hybrid Application architectures (Wilken, 2016, p. 4)

Summary

Main Points/Key Points	Notes
	Type of Mobile Apps
	 4. References a. Wilken, Jeremy. (2016). <i>Ionic in action: Hybrid mobile apps with ionic and angularjs</i>. Shelter Island, NY: Manning Publications Co. b. Saleh, Hazem. (2014). <i>Javascript mobile application development</i>. Birmingham, UK: Packt Publishing. c. StatCounter Globalstats (2018). <i>Operating System Market Share Malaysia</i>. Retrieved from http://gs.statcounter.com/os-market-share/all/malaysia
	d. Ye, Linton. (2018). React Native vs. Cordova, Phonegap, Ionic, etc. Retrieved from https://learnreact.design/2018/02/14/react-native-vs-cordova-phone-gap-ionic-etc/
	e. Interaction Design Foundation (2018). Native vs Hybrid vs Responsive: What app flavour is best for you? Retrieved from https://www.interaction-design.org/literature/article/native-vs-hybrid-vs-responsive-what-app-flavour-is-best-for-you
	Summary