

Module A.3 (IOS)

<https://en.wikipedia.org/wiki/IOS>

Topic A – Productivity & Application Software

<https://zapier.com/blog/best-productivity-apps-for-iPhone/>

1. 1Password- Best for managing passwords
1Password is one of the best password managers on the market, with an iPhone app that fully takes advantage of all the operating system has to offer
Price: \$35.88/year or \$3.99/month for Personal account
2. Adobe Acrobat
Best for annotating and working with PDFs
Annotating and working with PDFs on a teeny tiny smartphone screen can be a bear. Adobe Acrobat eases the pain by giving you tools that work well with your fingers. Price: free
3. DocuSign
Best for electronically signing documents and sending documents for signature
Price: free; paid plans from \$120/year per person

Topic B – Entertainment & Media Software

<https://www.techradar.com/news/phone-and-communications/mobile-phones/10-essential-entertainment-apps-for-ios-1186573/2>

1. Crackle (free)- Crackle is a godsend for movie lovers.
2. TuneIn Radio (free)- The best of these is probably TuneIn Radio. It has over 70,000 live radio stations spanning the globe and covering just about every music genre, as well as sports, news, talk and comedy.
3. SoundCloud (free)- SoundCloud is a community for audio creation and discovery. The focus is arguably on music, giving you the ability to follow both professional and amateur musicians and listen to any new music they post.
4. iTunes
5. Spotify
6. Youtube
7. Instagram
8. Snapchat
9. Pinterest

Topic C – Programming Tools & Environment

<http://www.businessofapps.com/guide/ios-development-tools/>

<https://www.techworld.com/picture-gallery/careers/great-programming-apps-for-your-ipad-3497769/>

PROGRAMMING APPS:

1. Coda
2. Programming Hub
3. Learn to code with JAVa

DEVELOPMENT APPS:

1. Xcode
2. Swifty
3. App code

Topic D – System Tools

<https://techet.net/>

1. Network Analyzer- Network Analyzer is an all-in-one iPhone and iPad app for network analysis, scanning, and problem detection.
2. System status - System Status is the ultimate app for monitoring and optimizing your iPhone and iPad performance.

Topic E – Software Security & Updates

- The security and regular updates like iOS 9.3.4 and iOS **10.2** typically release every 1–2 weeks or every 1–2 months.
- The new version of iOS is released every year.
- Latest version of IOS update is ios 12

Topic F – File System & User Accounts

The iOS file system is geared toward apps running on their own. To keep the system simple, users of iOS devices do not have direct access to the file system and apps are expected to follow this convention.

Commonly used directories of an iOS app:

- *AppName.app*
- Documents/
- Documents/Inbox
- Library/
- tmp/

<https://developer.apple.com/library/archive/documentation/FileManagement/Conceptual/FileSystemProgrammingGuide/FileSystemOverview/FileSystemOverview.html>

Topic G – Special Features of your OS

1. Group Facetime
2. Siri
3. Animoji
4. Memoji
5. Battery Usage indicator
6. iCloud photo library

<https://www.digitaltrends.com/mobile/ios-12-features-release-date/>

<https://www.apple.com/ca/ios/ios-12/features/>

<https://mashable.com/2014/06/04/ios-8-features/#Aeyu1ShXvgqZ>

Topic H – Limitations of your OS

ios only has 2.2 millions apps

- Java is not supported, disabling the following functionality:
 - Sound recorder functionality
- Flash is not supported, not limiting Fronter usage, but possibly preventing you from viewing contents stored in or linked from Fronter.
- HTML elements required for the editor are not supported on iOS prior to version 5. On iOS 5 and newer, you can upload images from your devices.

<https://www.dummies.com/web-design-development/mobile-apps/the-ios-simulators-limitations/>

<https://www.digitaltrends.com/mobile/android-vs-ios/>

<https://itslearning.com/global/fronter/resources/what-are-the-limitations-on-ios-iphone-ipad/>

<https://www.lucidchart.com/pages/templates/concept-map> - templates for mind map

<https://www.edrawsoft.com/mindmaptemplate.php>

EXTRA LINKS FOR MORE INFO:

Topic A – Productivity & Application Software

Topic B – Entertainment & Media Software

Topic C – Programming Tools & Environment

<https://www.flexihub.com/best-ios-development-tools/>

<https://medium.com/@duruldalkanat/my-development-toolset-2017-for-ios-7c0758e3e5ce>

<https://www.roberthalf.com/blog/salaries-and-skills/11-free-ios-development-tools-every-coder-needs>

Topic D – System Tools

<https://download.cnet.com/utilities-sys/ios/>

<https://www.any-data-recovery.com/tips/iphone/top-3-iphone-system-repair-software.html>

Topic E – Software Security & Updates

<https://www.zdnet.com/article/apple-security-updates-tackle-spoofing-data-leaks-kernel-memory-flaws/>

<https://www.intego.com/mac-security-blog/why-ios-12-is-huge-for-security-and-privacy/>

Topic F – File System & User Accounts

Topic G – Special Features of your OS

Topic H – Limitations of your OS