Organized Research

Topic A – Productivity & Application Software

-Sub Topic 1: Productivity Apps on Playstore

* Drop Box
* DocuSign
* Grammarly
* Google slides
* Google Docs
* Google Sheets

-Sub Topic 2: Apps that come with the Device

* Evernote
* Gmail
* Chrome
* Default Browser

Topic B – Entertainment & Media Software

-Sub Topic 1: Media and Entertainment on the Playstore

* Netflix
* Youtube
* Twitch
* Amazon Prime Video
* Hulu
* Can buy movies, shows and music

Topic C – Programming Tools & Environment

-Sub Topic 1: Developer mode

* Can show CPU usage
* Capture bug reports
* Simulate app stresses
* Enable Debugging

-Sub Topic 2:Programming tools that you can download and come with android

* Android Studio
* Microsoft Visual Studio

Topic D – System Tools

Sub Topic 1:Basic tools on android

* Flashlight
* Calculator
* File Explorer
* Google Keyboard
* Bluetooth

Topic E – Software Security & Updates

Sub Topic 1: Security on Android

* Touch ID
* Face ID
* Play Protect (antivirus software)
* Android shares source code for security fixes every month with partners and users

Topic F – File System & User Accounts

Sub Topic 1: Accounts

* Can make multiple accounts on one android device
* You need to have android 5.0 or later to have multiple accounts on a device
* You can share apps across accounts

Sub Topic 2: Files

* Android supports the following media-based file systems: EXT2 / EXT3 / EXT4

Topic G – Special Features of your OS

Sub Topic 1:Features that come on most android devices

* Near Field Communication (NFC)
* Alternate Keyboards
* Storage and Battery swap
* Widgets
* Custom home screens
* Infrared Transmission
* Custom ROMs

Topic H – Limitations of your OS

Sub Topic 1: Storage

* The limit can range from 1MB for older devices to 10MB for newer devices.
* 1MB devices are usually slow

Sub Topic 2: Other Limitations

* file size limit for inline images depends on the device's available memory
* You cannot search calendar entries
* On some devices, upgrading from a previous beta version of the client can cause the application icons to be incorrect and non functional