INTELLI**T**EC | College

CN-102
LRS Worksheet: Loading Custom Images on Mobile Devices

Worksheet Instructions

Manufacturers of Android-based mobile devices will often limit the images that are installed on them. Often, they are locked down so users cannot unload specific applications or use updated versions of Android. As Android versions are replaced, older ones are no longer supported, which my introduce security or functionality flaws.

Because of this, the global community-at-large will often take updated or customized versions of Android and port them to the device, providing new functionality and continued or upgraded utility.

The purpose of this assignment is for you, the student, to apply your knowledge of you learn in the course by conducting research on mobile devices. Specifically, you will research the tasks, processes, and procedures necessary for loading a new image onto a mobile device.

Part 1 – Mobile Device Research

For Part 1, you will need to identify two different devices of different manufacturers. These devices will need to be good candidates to replace a ROM. For this, provide a table of the specifications of each device that you consider for this.

Component	Model #1	Model #2
Device Model		
CPU		
RAM		
Storage		
Display		
Graphics Adapter		
Operating System		
System Cost		

Part 2 – Software Selection

In Part 2, you will research the two principal recovery images, Clockwork Mod and TeamWin Recovery Project (TWRP). What are their differences? Which one would you use for each and why? Write two narratives of 150 words for each device selected in Part 1.

Part 3 – Step by Step Procedures

For both devices identified in Part 1, you will create a simple procedure for loading a new ROM onto the device. You will detail how and where to get the necessary ROMs, load them onto the device, and start the device with the new loaded ROM. The procedure should be detailed enough to take the reader through it start to finish without so much detail that it becomes overly complex.

Deliverable

To complete this exercise, you will need to prepare the following components to submit your instructor for grading.

Assignment Component	Points
Part 1 Comparison Table – Two models for consideration in the table	25
Part 2 Narratives – 2 narratives, 150 words, APA formatted	25
Part 3 Step by Step Procedures – Properly formatted procedure	50
Total	**100**