

Device Forensics

March 2020

Assignment 2

Learning Outcomes Covered by this Assignment

4. Appraise potential issues relating to forensic analysis.

In this assignment you have been tasked with the investigation of an unknown device.

A chip has been found at a scene. You have been asked to investigate this chip. It is suspected that it has been removed from a device using a chip off technique.

You must examine the device and report on what you can find about the device.

The kinds of questions to consider include:

What kind of device is this?

Any unique information associated with the device?

Any location information about the device?

Can you identify any entity person or thing, the device has communicated with?

Are there any other individuals associated with this device?

What can you identify about the owner?

You must submit a report detailing the approach that you have taken for each device.

You will be required to submit a softcopy of your report by TBA on Moodle and via Slack. You may also be required to make an 8 minute presentation on your work that week. Your report should take the following format:

- Abstract

- Imaging

- Analysis Techniques

- Results (Table Summary of Findings)

 - Files and Directories

 - Important Database Tables

- Discussion

 - Answers to Questions

 - Discussion of Results

- Conclusion

- References

If you have any queries regarding the assignment you can contact jsheppard@wit.ie