

Operating System Diagnostics

Introduction

ICTSAS308

Contents

- What you'll learn
- What we'll do
- Assessment
- Where to get help

What you'll learn

- *Learn* what **diagnostic tools** are used for
- *Read & develop* **testing procedures** and guidelines
- *Explore* **software specifications** and **requirements**

What you'll learn

- *Explore Operating System maintenance tools*
 - Specifically the Linux Mint OS
- *How to use Virtual Machines*
 - Specifically VirtualBox



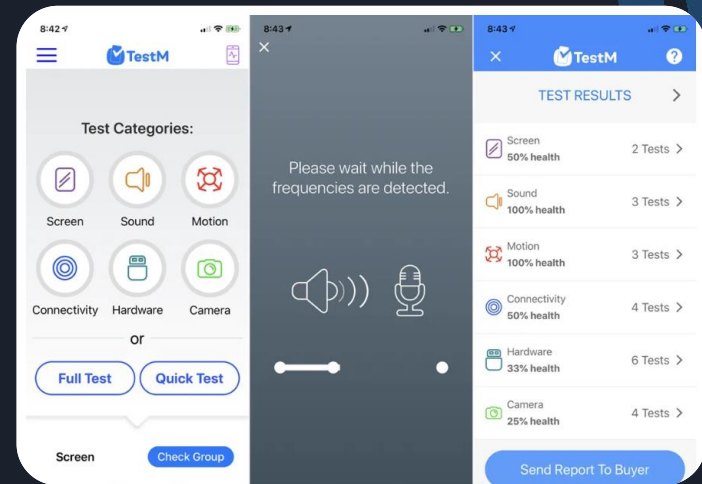
What we'll do

- *Investigate* Software **Specifications** & Hardware **Requirements**
- *Research* Common **OS Maintenance**
- *Perform* OS Maintenance in a **Virtual Machine**



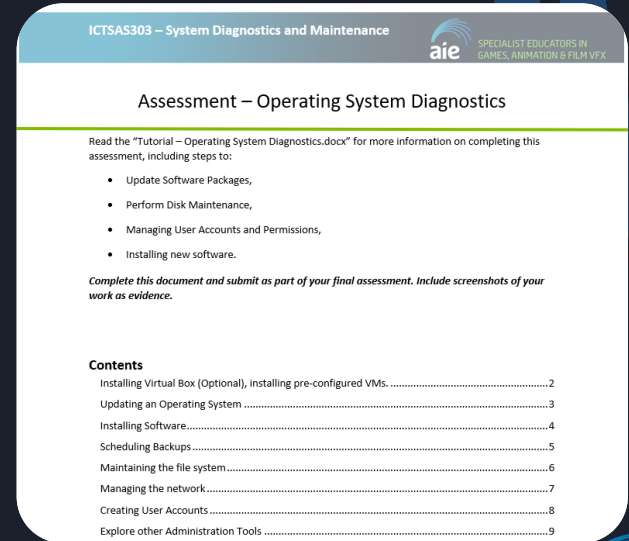
What we'll do

- *Update* **Software Packages** and **OS Systems**
- *Conduct* new **Software Installations**
- *Perform* **Disk Maintenance**
- *Manage* **User Accounts**
- *Schedule* **Backups**
- *Manage* **Network** Connections



Assessment

- The **Operating Systems Diagnostics** Document:
 - Complete the *Assessment Template*
 - Use the *accompanying tutorial* as a guide
 - Submit via *AIE portal* (Canvas)
 - Can be completed in class or home
 - Use your teacher for assistance



Where to get help

- Your teacher
- helponline@aie.edu.au
 - Online students
- Subject course chat
 - Online Canvas Forums
- References mentioned in lecture content

Summary

- In this module we'll:
 - Learn how to manage an Operating System
 - Conduct preventative maintenance on the OS
 - Use Admin & Diagnostic Tools