**VIRTUALBOX CONTROLLER**

In computing, a virtual machine (VM) is an emulation of a computer system. Virtual machines are based on computer architectures and provide functionality of a physical computer. Their implementations may involve specialized hardware, software, or a combination.

Running multiple operation systems simultaneously, Virtualbox allow you to run more than one operating system at a time. This way, you can run software written for one operating system on another (for example, Windows software on Linux or a Mac) without having to reboot to use it.

A Virtualbox or VB is a software virtualization package that installs on an operating system as an application. Virtualbox allows additional operating systems to be installed on it, as a Guest OS, and run in a virtual environment. The Virtualbox Guest Additions consist of device drivers and system applications that optimize the operating system for better performance and usability. One of the usability features required in this guide is automated logons, which is why you need to install the Guest Additions in the virtual machine.

**PROBLEM IT SOLVES**

A virtual machine (VM) is an operating system (OS) or application environment that is installed on software, which imitates dedicated hardware (without the knowledge of other hardware). The end user has the same experience on a virtual machine as they would have on dedicated hardware. It therefore saves you the hurdle of using a command prompt, which is so difficult to recall from memory. The user selects its preferred station by interacting with an interface making its use so easy.

**USERS**

* 1. **L**ecturers
  2. IT Students and professionals
  3. All other stakeholders – Anyone who has interest in it.

**TECHNOLOGIES USED**

* Python programming language – For the back end
* HTML/CSS – For the front end.

**DIVISION OF WORK**

* Osman Ali – Designed the front end (Interface)
* Frank Yawson – python script
* David Andoh-Acquah – Documentation

**KEEPING TRACK OF OUR PROGRESS**

* The project is stored on cloud storage (GitHub.com). Therefore we can download it anytime and modify it if need be.

**TEAM SUPPORT**

* We did check and balances of each other’s work and brought out the flaws as well as criticized each other and this helped better ourselves.