**Short Report: Installing Guest OS in Windows Using Oracle VirtualBox**

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# **PROBLEM SHEET - 4**

## ****1. Introduction****

Oracle VirtualBox is a free virtualization tool that allows users to run multiple operating systems on a single Windows machine. This report summarizes the steps to install a Guest OS using VirtualBox.

## ****2. Requirements****

* **Host OS**: Windows 10/11
* **RAM**: Minimum 4 GB
* **Disk Space**: At least 20 GB
* **Software**: Oracle VirtualBox & ISO of Guest OS (e.g., Ubuntu, Windows)

## ****3. Installation Steps****

1. **Download VirtualBox** from [virtualbox.org] and install it.
2. **Create New VM**: Open VirtualBox → Click "New" → Set name, type (e.g., Linux), and allocate RAM.
3. **Create Virtual Disk**: Choose VDI, dynamic or fixed size, and set disk space.
4. **Attach ISO File**: Go to Settings → Storage → Mount the Guest OS ISO.
5. **Start VM**: Boot the virtual machine and follow the OS installation instructions.

## ****4. After Installation****

* **Remove ISO**: Unmount the ISO from VM settings.
* **(Optional) Install Guest Additions**: For better performance and features like clipboard sharing.