**Experiment No - 03**

===============================================================================

**Author Name :** Vinni Fengade

**Roll No. :** 67

**Sem & Sec :** 7th Sem - CSE [B]

===============================================================================

**Aim :** Demonstrate the Creation of Virtual Machine in the Public Cloud based on

the given scenario

**Problem Statements:**

You are tasked with creating a new EC2 instance on Public Cloud (AWS) to host a web application. The application requires a Linux/Windows-based environment with 1 vCPUs, 1GB of RAM, and 30GB of storage. You also need to ensure that the instance is launched in a public subnet and has a public IP address.

**Task 1:**

Demonstrate the Scalability and Flexibility of VM Resources by modifying the hardware resources from 1 vCPUs, 1GB of RAM, and 30GB to 2 vCPUs, 4GB of RAM, and 30GB.

**Task 2:**

Demonstrate that the created VM instance should be accessible via SSH/PUTTY for administration purposes.

**Task 3:**

Demonstrate the running of an Web application on the Public IP of the VM instance

(Ex: Apache Server)

**===============================================================================**

**Task 1 (Scalability and Flexibility of VM Resources)**

**===============================================================================**

**===============================================================================**

**Task 2 (Accessible VM instance via SSH/PUTTY (Ubuntu))**

**===============================================================================**

**===============================================================================**

**Task 3 (Scalability and Flexibility of VM Resources)**

**===============================================================================**