CS 519 Cloud Computing Overview

**VL06: Introduction to Amazon EC2**

School of Technology and Computing

## **Instructions**

## For this activity you will be using AWS Academy Labs - **Introduction to Amazon EC2**.

Please complete the provided lab.

We create an ec2 instance with the Lab VPC we created earlier. We also give it a tag. We also create a security group.

Later when we monitor the instance, we can see that our user script installed an http package. We can also monitor what the screen would look like.

We copy the public ip address of the instance but we can not connect to it since the security group doesn’t allow inbounc traffic on port 80. Which is the http port used by browsers. After editing the http rule to allow traffic from anywhere, we refresh the webpage and now we can see it.

We then stop the instance and instance state reads stopped after the execution is done. After stopped the instance, we were able to change its type to small. We also modified the size of the storage volume to 10 GiB and start it again.

We can see the limits we have for the region for our account such as number of instances.

Then we try to terminate the instance but fail because of the protection we enabled at the beginning. After changing the setting we are able to terminate the instance.