CS 519 Cloud Computing Overview

**VL04: Introduction to AWS IAM**

School of Technology and Computing

## **Instructions**

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

Please complete the provided lab.

**Write a 150-word summary to explain your understandings and findings from this lab assignment.**

* The AWS Management Console brings the unmatched breadth and depth of AWS right to your computer or mobile phone with a secure, easy-to-access, web-based portal. Discover new services, manage your entire account, build new applications, and learn how to do even more with AWS.
* IAM helps you [analyze access](https://aws.amazon.com/iam/features/analyze-access/) across your AWS environment. It can also easily identify and refine your policies to allow access to only the services being used. It helps to explore more about IAM Users and Groups
* Inspecting IAM policies as applied to the pre-created groups which was very new.
* The security teams and administrators can quickly validate that policies only provide the intended public and cross-account access to resources. Following a real-world scenario, adding users to groups with specific capabilities enabled by using the IAM sign-in URL
* Experimenting with the effects of policies on service access. This helps to better adhere to the principle of least privilege.
* A group can contain many users, and a user can belong to multiple groups. Groups cannot be nested; they can contain only users, not other groups.