**Hands-on Assignment 7**

**Due Date: See web**

There are 10 test images in the accompanying zip file. In a previous assignment, we have classified them using some models.

In this assignment, you are asked to generate explanations for the classification results by ResNet50 using Grad-CAM and LIME. Implementation of the two XAI methods can be found at: <https://keras.io/examples/vision/grad_cam/> and <https://github.com/marcotcr/lime>.

Write a simple report to summary the results and submit the report via Canvas. The report should contain the followings

1. Predictive scores of the images
2. Heat maps for visualization
3. Any interesting finding/analysis

The report should be organized and neat, and the format should follow either docx or pdf.

Similarity scores will be computed for this assignment.

*Copyright Statement: The materials provided by the instructor in this course are for the use of the students enrolled in the course. Copyrighted course materials may not be further disseminated.*