### **CSE307 – Introduction to Artificial Intelligence**

### **Assignment #5**

### Date: 2nd June 2021 Grading/Marks: 7 (This is an optional assignment)

### Due Date: 11th June 2021, 4:59am (Pakistan Time) (10th June 2021, 11:59pm UTC).

This assignment is based on a Kaggle Multiclass Image categorization competition.

1. To compete you must first create your personal Kaggle account here:

<https://www.kaggle.com/>

# The “***Multiclass Image Competition***” is a private competition and can be accessed via the following link:

<https://www.kaggle.com/c/multiclass-image-competition>

1. Once you go to the above site, all the instructions for competing in the competition will be given on the site, along with the *train* and *test* data.
2. You must create a summary document which has the following information:
   * Your Name
   * ERP Id
   * Kaggle Account User ID (7 digit)
   * Kaggle username
   * Kaggle Display Name
3. You must also submit your python code or Jupyter Notebook as per instructions below.

**Submission instructions:**

* Submit your prediction on the Kaggle site before the due date. You may submit multiple submissions (up to 5 per day). Your best result will be used to grade you.
* In addition, you must upload your Word or pdf file on LMS. Save the document as:

**HW#.<Part#>-<ERP no>-<Your First Name\*>.pdf**, e.g. “**HW5.d-01234-Awais.pdf**”

* Save your python code as follows:   
  **HW#.<Part#>-<ERP no>-<Your First Name>.py**, e.g. “**HW5.e-01234-Awais.py**”
* *Zip all the above parts into a single zip file with the following name:*

**HW#-<ERP no>-<Your First Name >.zip**, e.g. “**HW5-01234-Awais.zip**”

* **Upload this *single* Zip file in LMS**

**DO NOT UPLOAD RAR FILES & *Do not upload multiple files.***

* *Please follow the above instructions for file names exactly, or marks will be deducted.*