Digital image processing Course Report

The purpose of the course report is to evaluate your level of Digital Image Processing (DIP) knowledge, thinking and writing ability.

Your course report and codes will be **graded** and are worth **100 points**. They are graded based on performance, technical merit, and the quality of the written report.

This course report can be one of the following types.

(1) Survey report on sub-topic in DIP
   a) Pick up to 5 papers as core papers in your survey scope
   b) Read the above and expand reading through related work
   c) Comprehend the view and finish your own survey paper
(2) Review report
   a) Pick up a high-level academic paper.
   b) Describe the contribution of the paper in depth with criticisms
   c) Crystallize the significant novelty in contrast to other related work
   d) Suggestions for future work
   e) Write in your words, don't copy!
(3) Project report on a specific problem
   a) Give one solution for the specific problem.
   b) Implement the solution by programming in Matlab or Python, or explore one prototype.
   c) Demonstrate the function of your project.
(4) Algorithm Research Report.
   a) Give one algorithm for one specific problem.
   b) Demonstrate the merits of your algorithm.
   c) If necessary, explore one prototype to show your algorithm
   d) If necessary, compare your algorithm with other related ones.
(5) Any other type of Report.
   a) Present your knowledge and your level as possible as you can.
   b) Topic related to DIP.

Requirements:

(1) Length of reports: Min 2000 words, (4 pages in A4 Format), max 6000 words (10 pages in A4 Format).

(2) No plagiarism.

(3) Codes: Only Matlab or Python are acceptable if you develop a project or write codes. Any other programming language will be rejected.

(4) Report must be submitted individually. No collaboration is allowed.

(5) Submitted materials: report and codes (if you developed). For review report or survey report, the papers reviewed by you must be attached.

(6) Submit to the class representative by e-mail.

(7) Due date: 12:00 AM, 19th, December 2023.