CMP3018M Image Processing, Assessment Item 1

Learning Outcome	Criterion	Pass	2:2	2:1	1st
[LO1] Critique the theory of image processing (IP), including how to process and extract quantifiable information from images	Criterion 1: Understand and analyse image processing technique concepts (60%)	The report provides the basic steps required to solve the problem and your discussion details evidence of understanding of the chosen techniques involved in IP, but lacks a convincing justification for the decisions made. The standard of the report is fair.	The report provides clear steps and explains part of the solution to the problem. Your discussion details evidence of good understanding of the chosen techniques involved in IP with some justifications of the decisions made. The standard of the report is good.	The report provides detailed steps and a good solution to the problem. Your discussion demonstrates a good understanding of the chosen techniques involved in IP with clear justification of decisions made. The report presents proper use of technical language and has a clear structure.	The report provides detailed steps and an excellent solution to solve the particular problem. An elegant critique is given clearly demonstrating an in-depth understanding of the techniques involved in IP. The report is well written and structured.
[LO2] Apply a range of image processing techniques to solve practical problems	Criterion 2: Present image processing techniques to analyse phantom images in CT (40%)	The software implements part of the solution to the set problem. There are some critical errors in the implementation and design of the Matlab functions.	The software implements a basic solution to the set problem. There are some non -critical errors in the implementation and design of the Matlab functions.	The software implements a good solution to the set problem but there are some minor inaccuracies in the final results.	The software implements an excellent solution to the proposed problem and the software does not contain any significant error in the design and implementation.
Weighting	The criteria for this assessment are weighted as indicated above.				