

1ST STUDENT'S NAME:	
1ST STUDENT'S ID NO:	
2ND STUDENT'S NAME:	
2ND STUDENT'S ID NO:	
UNIT CODE AND TITLE:	FIT3143 PARALLEL COMPUTING
SEM/YEAR:	2/2021
CAMPUS:	CLAYTON/MALAYSIA
ASSIGNMENT 2 - REPORT (7 MARKS)	
ASSESSOR:	
DATE:	18 October, 2021

PART A: REPORT

	Criteria	Marks	0 (Fail)	1 (Pass, 50-59%)	2 (Credit, 60-69%)	3 (Distinction, 70-79%)	4 (High Distinction, 80% - 100%)	Rating Awarded by Assessor (0 - 100%)	Scaled marks
1	<p>Methodology</p> <p>Note: Do not copy and paste the sample Figure in the assignment specifications into the report. You should draw your own diagram</p> <p>Note: Proper technical diagrams and/or C style pseudo code formats must be applied here to be eligible for marks. Mathematical style pseudocode is also accepted. No other forms of pseudocode will be accepted.</p>	3	Not provided.	<p>Weak illustration and with little or no description.</p> <p>Weak diagrams/pseudo code with noticeable amounts of diagram errors</p>	<p>Adequate illustration of the sensor network architecture with some proper description of the illustration.</p> <p>Reasonable diagrams/pseudo code which captures the essence of the sensor network algorithm, tsunameter sensor and/or base station algorithms but with small amounts of errors in the diagram</p>	<p>Detailed illustrations of the sensor network architecture along with a clear description of these illustrations.</p> <p>Detailed diagrams/pseudo code which captures in-depth the sensor network algorithm, tsunameter sensor and/or base station algorithms with minimal diagram errors. Some explanation of these diagrams are mentioned in the report.</p>	<p>Thorough illustrations of sensor network architecture along with a clear description of these illustrations. Compelling arguments are presented to justify the selected architecture with citations (if any) to published papers in literature.</p> <p>Thorough diagrams/pseudo code which captures in-depth the sensor network algorithm, tsunameter sensor and/or base station algorithms with no diagram errors. Proper explanation of these diagrams are mentioned in the report.</p>	100	3

2	Results tabulation	2	Not provided (system not working).	Little or no results to tabulate	Tabulated results which indicates details of the applied simulation scenario, which includes number of attempted runs, number of reported messages and a summary of events generated.	Tabulated results which indicates details of the applied simulation scenario, which includes number of attempted runs, number of reported messages and a summary of events generated. Includes screen shots of message logs.	Tabulated results which indicates details of the applied simulation scenario, which includes number of attempted runs, number of reported messages, and a summary of events generated. Includes screen shots of message logs. Additional charts are included to illustrate the number of triggered events over a period of time. Includes results when running the program on a local computer and across a cluster computing setup (e.g., MonARCH)	100	2
3	Analysis and discussion	2	Not provided.	Limited explanation on the results. The derived inference is not compared against the proposed hypothesis.	Explanation covers results with some basic observation. The derived inference is compared against the proposed hypothesis.	Explanation covers results with a good amount of observation. The derived inference is compared against the proposed hypothesis. Includes analysis into communication time between nodes and the base station based on the exchanged messages, known issues and possible causes of these known issues.	Explanation covers results with a thorough amount of observation. The derived inference is compared against the proposed hypothesis. Includes analysis into communication time between nodes and the base station based on the exchanged messages, known issues and possible causes of these known issues. Includes analysis and performance comparison between running the program on a single computer and across a cluster computing setup (e.g., MonARCH).	100	2
Sub-Total (7 marks)									7

PART B: PENALTIES									
	Criteria	Penalty Marks	0 (Fail)	1 (Pass, 50-59%)	2 (Credit, 60-69%)	3 (Distinction, 70-79%)	4 (High Distinction, 80% - 100%)	Rating Awarded by Assessor (0 - 100%)	Scaled Penalty marks
1	Grammar (Rubrics for grammar adapted from: http://www.readwritethink.org/files/resources/lesson_images/lesson261/sample.pdf)	2	Report not submitted	Many spelling, grammar, and punctuation errors; sentence fragments; incorrect use of capitalization.	Some spelling and grammar errors; most sentences have punctuation and are complete; uses upper- and lowercase.	Few spelling and grammar errors; correct punctuation; complete sentences.	Correct spelling, grammar, and punctuation; complete sentences; correct use of capitalization.	100	0
2	Reference section	1	No reference section	Reference section is present but references are not properly formatted in an appropriate citation format (IEEE or APA). References not properly cited in the report.			Reference section is present and references are properly formatted in an appropriate citation format (IEEE or APA). The references were cited in the report.	100	0
3	High similarity with other reports (using Turnitin)	10	> 70% similarity identified with another team's report or an external source.	Between 55% and 70% in content similarity is identified with another team's report or an external source.	Between 40% and 55% in content similarity is identified with another team's report or an external source.	Between 25% and 40% in content similarity is identified with another team's report or an external source.	< 25% in content similarity is identified with another team's report or an external source.	100	0
4	Late Submission	1 mark per day					Specify number of days in the next column ==>	0	0
Sub-Total Penalty									0

Total for report before penalty (7 marks):
Total for report after penalty (7 marks):

7.00
7.00