

### Assignment 1 Marking Rubric

	Weight	HD+	HD	DI	CR	PS	FL	NN
<b>Unit Tests</b>	<b>10%</b>	Outstanding and Flawless	Comprehensive Unit tests for Milestones 2 & 3, covering the majority of common use cases, and most edge cases	Comprehensive Unit tests for Milestones 2 & 3, covering the majority of common use cases, and most edge cases	Comprehensive Unit tests for Milestone 2, covering the majority of common use cases, and most edge cases	Sufficient Unit tests for Milestone 2, covering the majority of common use cases.	Poor (or missing) Unit tests for any part of the assignment, with poor coverage	Not Completed
			Unit tests contain no errors	Unit tests contain no errors	Unit tests contain no errors	Unit tests contain no errors	Unit tests may contain errors	
<b>Software Implementation</b>	<b>60%</b>	Outstanding and Flawless	Complete and error-free implementation of Milestones 2, 3 & 4.	Complete and error-free implementation of Milestones 2 & 3.	Complete and error-free implementation of Milestone 2.	Complete and mostly error-free implementation of Milestone 2.	Incomplete or error ridden implementation of Milestone 2.	Not Completed
			Compiles with the Milestone 2 & 4 mandatory requirements and restrictions.	Compiles with the Milestone 2 mandatory requirements and restrictions.	Compiles with the Milestone 2 mandatory requirements and restrictions.	Compiles with the Milestone 2 mandatory requirements and restrictions.	Failure to comply with the Milestone 2 mandatory requirements and restrictions.	
<b>Code Style</b>	<b>15%</b>	Outstanding and Flawless	Exceptional and clear software design.	Good and clear software design.	Suitable consideration given to quality software design.	Some consideration given to quality software design.	Poor and messy software design.	Not Completed
			Exceptional coding style and suitably documented code. No input from the developers is required to comprehend the code.	Exceptional coding style and suitably documented code.	Suitable coding style and suitably documented code. Code is readable, but parts of the software may not be clear	Suitable coding style and suitably documented code, but code is confusing to comprehend without further explanation from the developers	Poor and messy coding style with minimal documented code	
			Excellent use of permitted C++11/14 language features.	Excellent use of permitted C++11/14 language features.	Excellent use of permitted C++11/14 language features.	Sufficient use of permitted C++11/14 language features.	Poor use of permitted C++11/14 language features.	
<b>Code Description/Report</b>	<b>15%</b>	Outstanding and Flawless	Suitable report for Milestones 2, 3 & 4, with good analysis	Suitable report for Milestones 2 & 3, with good analysis	Suitable report for Milestone 2, with good analysis	Suitable report for Milestone 2, with limited analysis	Poor, unclear, and confusing code description & report.	Not Completed