Unit 2 Implementation Evaluation Rubric Section

This is the rubric that will be used for evaluating your Unit 2 Implementation

Dimension	Exceptional Performance (5)	Competent Performance (4)	Acceptable Performance (3)	Developing Performance (2)	Beginning Performance (1)
Functionality (55%)	Program flawlessly provides all required functionality	Program provides all required functionality with a few small bugs	Program provides most required functionality with multiple bugs	Program starts but has little functionality or the functionality is so buggy it is unusable.	Program never starts.
File and Method Header Comments (10%)	All header comments are short, succinct, and clear descriptions of the class, method, etc., that they describe.	Header comments describe methods, classes, etc., appropriately but in a verbose or confusing manner.	Some header comments are incorrect with respect to what a class, method, etc. is responsible for.	Many incorrect, inappropriate, or misleading header comments.	No header comments.
Code Commentary (10%)	Every comment significant, none is verbose.	Few comments unnecessary, obvious, or verbose.	Several comments unnecessary, obvious, or verbose.	Many comments unnecessary, obvious, or verbose.	No method body comments.
Methods (10%)	Clear, cohesive methods with appropriate args and return types. Private methods to reduce complexity and factor out repeated code.	Methods have clear purposes and straightforward implementations. Little repeated code.	Several long methods, repetitive code.	Several methods with complex interfaces or compound (incohesive) purposes.	Many methods with overly complex interfaces, incohesive purposes, complex implementations.
Variable Naming and Commenting (5%)	Full, meaningful names useful naming scheme, description of every variable.	Full names, reasonable naming scheme, few mnemonic names. A few undocumented or inappropriate variable comments	Some mnemonic or shorthand names, inconsistent naming, most variables have comments	Some poor name choices, no clear naming scheme, few variable comments	Horrible names, no discernible logic, no variable comments
Indentation and Formatting (5%)	Consistent indentation; judicious use of white space to set off blocks of code.	Consistent indentation. Adequate formatting.	Some inconsistencies in indentation. Some formatting problems.	Gross inconsistencies in indentation; inconsistencies among team members.	No attempt at reasonable indentation or readable formatting
Statements (5%)	No inappropriate choice of statements, expressions and control structures.	Most choices of statements, expressions, and control structures are appropriate.	Several examples of inappropriate statement selection, expressions, or control structures.	Many examples of inappropriate statement selection, expressions, or control structures.	Use of unstructured coding techniques.