RUBRIC	100%	> 90%	> 80%	> 70%	> 50%	0
UML Diagram (15%)	All formatting conventions are correctly followed. Depicted class relationships match the code. All relationships are supported by the necessary data members and all correct cardinalities are included. No missing default values, data members, or methods. Any association classes are shown in the analysis phase.	Minor formatting errors. 2 or less class relationships are incorrect or missing supporting data members. 2 or less cardinality errors. No missing default values, data members, or methods. Any association classes are shown in the analysis phase.	Minor formatting errors. 4 or less class relationships are incorrect or missing supporting data members. 4 or less cardinality errors. 3 or less default values, data members, or methods are missing or incorrect.	Major formatting errors or difficult to read. 6 or less class relationships are incorrect or missing supporting data members. 6 or less cardinality errors. 5 or less default values, data members, or methods are missing or incorrect.	Major formatting errors and difficult to read. More than 6 class relationships are incorrect or missing data members. Several cardinality errors. More than 6 default values, data members, or methods are missing or incorrect.	Fails to meet minimum specs.

Code Implementation (40%)	Application prompts for user interaction through the terminal or a GUI. Cheapest furniture combination is calculated and output to the user through the terminal or a GUI. An order form .txt file is generated that includes all the required information and is formatted neatly. The database inventory is updated to reflect items that are no longer available.	Application prompts for user input through the terminal. Cheapest furniture combination is calculated and output to the user through the terminal. An order form .txt file is generated that includes all the required information. The database inventory is updated to reflect items that are no longer available.	User request is input through command line arguments. Cheapest furniture combination is calculated and output to the user through the terminal. An order form .txt file is generated that includes some of the required information. The database inventory is updated to reflect items that are no longer available.	User request is input through command line arguments. Cheapest furniture combination is calculated and output to the user through the terminal. An order form .txt file is generated that includes some of the required information.	User request is input through command line arguments. Cheapest furniture combination is calculated and output to the user through the terminal.	Fails to meet minimum specs.
Documentation (10%)	All active team members' names are included, as well as the code version. All classes and methods include meaningful descriptions about the use of the code, as well as comments throughout to explain the functionality. All formatting and naming conventions follow the ENSF 409 guidelines.	All active team members' names are included, as well as the code version. At least 90% of classes and methods include meaningful descriptions about the use of the code, as well as comments throughout to explain the functionality. Less than 5 formatting or naming convention errors.	All active team members' names are included, as well as the code version. At least 75% of classes and methods include meaningful descriptions about the use of the code, as well as comments throughout to explain the functionality. Less than 10 formatting or naming convention errors.	All active team members' names are included, as well as the code version. At least 50% of classes and methods include meaningful descriptions about the use of the code, as well as a few comments to explain functionality. Less than 15 formatting or naming convention errors.	All active team members' names are included. At least 50% of classes and methods include some description about the code. Frequent formatting or naming convention errors.	Fails to meet minimum specs.

Unit Testing (25%)	Tests can be compiled and run from the command line. All test cases are clearly documented. All major functionality is tested and fail messages are descriptive. Boundary cases and exception handling are tested thoroughly.	Tests can be compiled and run from the command line. At least 90% of test cases are clearly documented. At least 90% of major functionality is tested and fail messages are descriptive. Multiple boundary cases and exception handling are tested thoroughly.	Tests can be compiled and run from the command line. Test cases include basic comments. At least 75% of major functionality is tested and fail messages are descriptive. Multiple boundary cases and exception handling are tested.	Tests can be compiled and run from the command line. Test cases are labelled. Base functionality is tested and fail messages are included. A few boundary cases and exception handling are included.	Tests can be compiled and run from the command line. Test cases are not documented. Some functionality is tested. Boundary cases and exception handling are missing from tests.	Fails to meet minimum specs.
Video Demonstration (10%)	Demonstration clearly explains how the solution meets the requirements including the user input/output. The database is shown to be updated and the output form is presented. Audio is clear and audible. All active team members participate in the demonstration and duration is less than 5 minutes.	Demonstration shows all required functionality including the user input/output. The database is shown to be updated and the output form is presented. Audio is clear and audible. All active team members are present and duration is less than 6 minutes.	Demonstration shows all achieved functionality including the user input/output. The output form is presented. Audio is clear and audible. All active team members are present and duration is less than 7 minutes.	Demonstration shows acheived functionality including the user input/output. Audio is clear and audible. Duration is less than 7 minutes.	Demonstration shows acheived functionality. Audio is clear and audible. Duration is over 7 minutes.	Fails to meet minimum specs.