

Rubric for Project Implementation
Targeted Skills: X.V.Z

Trait	Unsatisfactory (0)	Amateur (1)	Acceptable (2)	Exceptional (3)	Comments	Grade
1 - Specifications	The solution is producing incorrect results (does not meet functional requirements).	The solution produces correct results (meets functional requirements) but does not display them correctly.	The solution works (produces the correct results and displays them correctly). It also meets most non-functional specifications.	The solution works, meeting all functional and non-functional requirements		
2 - Readability	The solution is poorly organized and very difficult to read.	The solution is readable only by someone who knows what it is supposed to be doing.	The solution is fairly easy to read.	The solution is well organized and very easy to follow.		
3 - Reusability	The solution is not organized or designed for reusability.	Some parts of the solution could be reused in other situations via "copy and paste".	Some of the solution could be reused in other situations without alteration.	Considerable portions of the solution could be reused in whole or in part.		
4 - Quality	No documentation of test cases or actual output	Some actual output is included, but some expected paths through the solution are not exercised, and test case documentation is missing or incomplete	Some actual output is included, all expected paths through the solution are exercised, but few or no unexpected paths are exercised and test case documentation does not adequately address robustness	Thorough output is included, all expected and most unexpected paths are exercised, test case documentation is comprehensive (thorough expected and unexpected values to demonstrate robustness)		
5 - In-Line Documentation	The documentation is simply comments embedded in the solution that restates the solution and does not help the reader understand the solution.	The documentation is simply comments embedded in the solution with some simple header comments separating components.	The documentation consists of embedded comments and some simple header documentation that separates the components and is somewhat useful in understanding the solution.	The documentation is well written and clearly explains what the solution is accomplishing and (where appropriate) technical details regarding implementation.		
6 - Delivery	The solution was more than 2 weeks overdue.	The solution was within 2 weeks of the due date.	The solution was delivered within a week of the due date.	The solution was delivered on time.		
7 - Efficiency	The solution is larger than necessary, appears to be disorganized and/or patched together, and is inefficient.	The solution is brute force and unnecessarily long.	The solution is fairly efficient without sacrificing readability and understanding.	The solution is optimized for CPU and memory usage without sacrificing readability and understanding.		

(Adapted from CSU-LongBeach)