Software quality master rubric

The rubric on the next page collects all the grading criteria from the CSSE376 final project. These items **may be new** to CS majors and to SE majors who deferred taking CSSE376.

In 376, individual grade items on the list were generally graded using a **pass/fail basis**, with the bar being about **80% correctness for each checkbox**. Grade items were arranged in the rubric in increasing order of sophistication akin to the style of "mastery" assessment.

To earn a given letter grade, students should demonstrate proficiency in the work presented under that letter grade and all lower letter grades.

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	Team has a code quality standard with cursory evidence of a review process to meet that quality. Cursory evidence of a TDD/BDD workflow. Automated testing may indicate some failures.						
C: Sa	atisfactory						
	Project is mostly done. Project demonstrates evidence of a satisfactory TDD/BDD workflow. 100% mutation and basis path coverage of all non-GUI code. All tests pass and accurately capture their stated intent. Commit log may show evidence of a "mutant killing spree" to correct process failures. Project supports multiple locales. The project should support easily adding new locales without changing any existing code. All strings and quantities can be translated to a locale.						
B: Ve	ery Good						
	Project is done . Code fully meets team's <u>code quality standard</u> . Team's definition of done involves appropriate techniques for deciding doneness. Definition of done is explicitly traced to concrete evidence of done, like Issues, Merge Requests, or test cases.						
A: E	kcellent						
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☐ Team used appropriate automation to verify that code meets quality standards.