

CS 446: Design Critique and Post-Mortem Scoring Rubric

DESIGN CRITIQUE	Very Good	Expected	Acceptable	Unsatisfactory
Problem Description <input type="checkbox"/> Clear statement of real-world problem addressed by your program <input type="checkbox"/> Clear identification of the user type and sample persona <input type="checkbox"/> Clear explanation of typical tasks solved with your program	Clear and concise	Clear	Not specific enough	Not specific at all
Design Rationale <input type="checkbox"/> Explain the major user interface design decisions you made <input type="checkbox"/> Mention other design alternatives you considered <input type="checkbox"/> Explain the rationale behind your major design decisions	At least 3 design decisions, alternatives , and rational clearly explained	One of the bullet items incomplete, poor quality, or missing	Implementation decisions, not UI design decisions discussed	All three bullet items incomplete, poor-quality, or missing
Problem Areas Remaining <input type="checkbox"/> Identify user interface design problems areas that remain <input type="checkbox"/> Discuss changes you would like to make to address these problem areas, given more time.	Remaining design problems identified <i>and</i> changes for the next iteration discussed	One of the two bullet items incomplete, poor-quality, or missing	Implementation problems, not design problems, identified and discussed	No problems in my program, it is perfect at this point
TIME ANALYSIS				
Time Log Statistics <input type="checkbox"/> Include summary statistics and graphs of your effort on the prototype project <input type="checkbox"/> Uses Excel spreadsheet generated graphs effectively to supplement the statistics presented	Complete, easy to follow, data presented graphically as well as in tabular form	Complete, easy to follow, presented in tabular form only	Incomplete or hard to follow	Only total time spent on project included
Analysis of Times <input type="checkbox"/> Provide a thoughtful analysis of total time spent on project, patterns per week, and per activity <input type="checkbox"/> Identify your time management weaknesses and strengths based on your time log summaries	Well reasoned analysis. Critique of time-management included	Analysis of summary times included	Analysis restates summary statistics in English but adds little more	I spent 40 hours total on this project – too much for a 4-credit class.
POST-MORTEM				
Process Post-mortem <input type="checkbox"/> Discuss the development process you followed with your project <input type="checkbox"/> Discuss the success of the development process used to develop your prototype <input type="checkbox"/> Identify problem areas in the development process of your prototype	Development process, its successes, and problems well explained and backed with convincing evidence	Process defined, successes and problems explained, but in generic terms, not backed with details regarding your particular project	Programming and project successes and problems, discussed (and not the <i>development process</i> followed)	What's a development process?
Process Post-mortem reflection <input type="checkbox"/> Discuss changes in the development process you need to reduce the likelihood of the development problems re-occurring	Carefully considered reflection on ways to improve your process	One important change discussed	Change is identified, but in a perfunctory way	Why change? I'm perfect.
Writing Proficiency				
Spelling, typing, and grammatical errors	0-1 errors	2-3 errors	4-5 errors	6 or more errors
Paragraph Unity and Coherence <input type="checkbox"/> Begin all paragraphs with topic sentences <input type="checkbox"/> All sentences in paragraph are related	0-1 errors	2-3 errors	4-5 errors	6 or more errors
Clarity and Conciseness in Writing <input type="checkbox"/> All paragraphs are 3 to 6 sentences in length <input type="checkbox"/> No sentences over 25 words in length	0-1 errors	2-3 errors	4-5 errors	6 or more errors
Overall Appearance and Submission <input type="checkbox"/> Format your document as a formal report <input type="checkbox"/> Include captions for all tables and graphs	0-1 errors	2-3 errors	4-5 errors	6 or more errors