

# Project Grading Form

Student Team: \_\_\_\_\_

COMP 482—Fall 2007

Analysis of Algorithms & Data Structures

Paper section			Max pts	Actual
<b>Abstract</b> Provides a concise summary of all the major points and conclusions of the report			5	
Comments:				
<b>Introduction</b> Defines clearly and explains the significance of the problem the project tackles	4		10	
Discusses historical approaches to tackling the problem (w/references)	3			
States specific project goals; provides hypothesis and expected results	3			
Comments:				
<b>Methods (Algorithms and Implementation)</b> Summarizes algorithms, highlighting project-specific features	8		16	
Describes and explains optimizations performed and platform and programming language selected				
Describes testing platform and procedures, and demonstrates their suitability for testing hypothesis	2			
Discusses reasons for using specific benchmarks and rationale for selecting test data (quality of benchmarks and test data factors into score)	6			
Comments:				



Paper section			MAX pts	Actual
<b>Results and Discussion (Benchmarking and Analysis)</b>			40	
Compares algorithms on each category of benchmark and in terms of both theoretical and empirical behavior observed	4			
Summarizes and presents data coherently, using appropriate, well-designed graphs and charts	13			
Sufficiently describes and explains all data, including anomalies and special cases	13			
Considers implications of the results; relates results back to project hypothesis	10			
Comments:				
<b>Conclusion</b>			9	
Clearly summarizes the ultimate findings of the project, relating these back to project hypothesis	3			
Generalizes results, sufficiently supporting claims	3			
Reiterates the reason for the study and places motivation into the context of the results obtained	3			
Comments:				
<b>References</b>			5	
Cites peer-reviewed literature or other quality sources in a consistent format at appropriate points in the paper				
Comments:				
<b>Quality of project choice and writing</b>			15	
Chooses unique and/or challenging project	5			
Organizes and structures paper to convey argument logically (considers audience; uses forecasting statements)	5			
Demonstrates professional command of basic writing mechanics (grammar, syntax, word choice, etc.)	5			
Comments:				
<b>TOTAL (OVERALL GRADE)</b>			100	

