

Project Title _____

PA Computer Fair Programming Scoring Guidelines

Project ID _____

Judge # _____

	4	3	2	1	Score
Documentation	Code is well documented and commented. Clear end-user documentation is provided explaining software functionality and features.	Documentation and coding provided, but may be incomplete or not particularly well thought-out.	Documentation and commenting is confusing and/or missing essential explanations of features and functionality.	No documentation or code commenting provided.	
Flow Chart	The problem was clearly defined. The flow chart was clear, easy to understand, described the entire program correctly, and correctly used all the generally accepted flow charting symbols.	The problem is not entirely defined and appropriately detailed. The flow chart was somewhat clear, understandable and described the program correctly. There was misuse of some of the generally accepted flow charting symbols.	The flow chart was unclear, hard to understand, did not fully describe the entire program correctly, and misused several of the generally accepted flow charting symbols.	The flow chart was extremely poor.	
Problem Solving	The program solved all the problems. Works correctly in all cases. Problem was clearly defined.	The program solved all of the problems but not in the most clear and logical manner.	The program did not solve the problem well and was unclear and illogical.	The program did not solve the problem at all and would be entirely unusable.	
Coding Conventions	The code is well organized, easy to follow (tabbed, indented, no ambiguous variable names, etc.), and reusable.	Code is well thought out and clean, but may not adhere to strict coding standards. The code solves the problem, but not in the most elegant and reusable way.	Code is thrown together with little thought given to standards and reusability. The code solves the problem but in a complicated, unclear manner.	Code is difficult to follow with little or no thought given to coding standards. Unnecessarily complex control flow; spaghetti code.	
User Interface	Interface is intuitive, well thought-out, organized, clean, provides access to all features of the software, and is aesthetically sound. The type of user interface is truly relevant to the program created. User input is validated. All input prompts are easy to understand.	Interface is usable, but may not be as well implemented as possible. The type of user interface is relevant to the program created. All expected software features are accessible. Some user inputs are difficult to understand.	Interface is non-intuitive, and visually distracting or unappealing. The type of user interface is slightly relevant to the program created. Target use inputs not properly identified.	Interface does not provide access to essential features of the software or is unusable. The type of user interface is irrelevant to the program created. Input prompts are difficult to understand.	

Developed by PA Computer Fair Committee - Revised 9/2011

Comments:

Total: _____
