Assessment of Poster Presentations in CSE Capstone Design Courses

Code of capstone project being evaluated:

Information about person completing this rubric (check all that apply):
☐ CSE/CIS student ☐ non-CSE/CIS student ☐ CSE faculty member ☐ non-CSE faculty member
☐ IT professional ☐ other (_____)

This rubric includes six dimensions, these being Problem formulation, Design approach, Implementation approach, Other factors, Effectiveness as a team, and Communication effectiveness, along which the capstone project should be evaluated. For each dimension, there is a description of the corresponding characteristics that are expected of the ideal capstone team and its work. The visitor to the poster session is asked to consider the following statement for each dimension: "Based on what I saw and heard at the poster session, this project team exhibited, in an exemplary manner, all or most of the characteristics corresponding to this dimension"; and then choose one of "Strongly Agree", "Agree", "Disagree", or "Strongly Disagree" (or "Not Applicable" if the item is not relevant to the particular project).
Additional comments related to any of the dimensions may be entered in the line immediately below the particular dimension.

Problem Formulation	Team has come up with a clear formulation of the problem based on sponsor's goals; any changes in the project scope were clearly explained and justified. ☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable
Comments:	
Design Approach	The team has produced a high-quality design that, for the most part, meets the sponsor's goals; in doing so, the team has gone through a suitable iterative process considering various alternatives, including resource (memory, bandwidth etc.) implications. ☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable
Comments:	
Implementa-tion Approach	The team has paid careful attention to all key performance factors that may affect the system. The team has also considered scalability issues as well as possible evolution of the system to meet changing needs. The team has, in its implementation (or plans for it), applied important lessons from key courses in the curriculum; and it has adopted and consistently followed a standard process. **Note: Occasionally, because of the nature of the project or its starting point or changes that the sponsor may decide on midway through the semester or some combination of thereof, it may not be possible for the team to do a complete implementation. If this project does not have a complete implementation, please evaluate this dimension on the basis of briefly discussing, with the team, their implementation plans and ideas. ☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable
Comments:	
Other factors	The team has effectively used appropriate professional tools and systems. It has carefully analyzed its design and implementation to identify potential security holes and documented them. The team has considered the implications of various aspects of the ACM/IEEE Code as it applies to this system and appropriately discussed the relevant questions with the project sponsor. ☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable
Comments:	
Effectiveness as a Project Team	The students in this team seem to have worked together very effectively on various aspects of the project from initial formulation based on the sponsor's goals/ requirements, through exploring design alternatives, working on the implementation details, the documentation of the project, through the preparation of the poster. The students also worked effectively as a team in responding to questions and comments from visitors to the poster session. ☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable
Comments:	
Communica-tion Effectiveness	The team has produced a well-designed poster that pays careful attention to the items included and the level of detail presented. The poster effectively integrates elements related to basic background of the project with key technical factors. Responses to questions perfectly complemented the poster with the team providing the right level of detail. ☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable
Comments:	