

## 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 and the assessments it provides are an important part of our continuous improvement process designed to help us identify ways to improve our BS program. The rubric includes the following dimensions: Problem formulation, Design approach, Implementation approach, Other factors, Effectiveness as a team, Communication effectiveness, and Final product along which the capstone project should be evaluated. For each dimension, there is a description of the corresponding characteristics that are expected of the capstone team and its performance. 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, I would rank this project team’s performance with respect to all or most of the characteristics corresponding to this dimension as:”; and then choose one of “Exemplary”, “Satisfactory”, “Minimally Acceptable”, or “Unacceptable”; or choose “Not Applicable” if the item is not relevant to the particular project. Additional comments related to any of the dimensions or about other aspects of the project may be entered in the box at the bottom of the rubric.

Problem Formulation	Team has come up with a clear formulation of the problem based on client’s goals; any changes in the project scope were clearly explained and justified. <input type="checkbox"/> Exemplary <input type="checkbox"/> Satisfactory <input type="checkbox"/> Minimally Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not Applicable
Design Approach	The team has produced a high-quality design that, for the most part, meets the client’s goals; in doing so, the team has gone through a suitable iterative process considering various alternatives, including resource (memory, bandwidth, etc.) implications. <input type="checkbox"/> Exemplary <input type="checkbox"/> Satisfactory <input type="checkbox"/> Minimally Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not Applicable
Implementation 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. <input type="checkbox"/> Exemplary <input type="checkbox"/> Satisfactory <input type="checkbox"/> Minimally Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not Applicable
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 client. <input type="checkbox"/> Exemplary <input type="checkbox"/> Satisfactory <input type="checkbox"/> Minimally Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not Applicable
Final product	The final system produced by the team accomplishes most or all of the client’s goals. The user interface is effective and engaging; and the system performs reasonably. It can serve as a prototype for a production team to build on and/or serve as the basis for another capstone team to extend its functionality. <input type="checkbox"/> Exemplary <input type="checkbox"/> Satisfactory <input type="checkbox"/> Minimally Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not Applicable
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 client’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. <input type="checkbox"/> Exemplary <input type="checkbox"/> Satisfactory <input type="checkbox"/> Minimally Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not Applicable
Communication 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. <input type="checkbox"/> Exemplary <input type="checkbox"/> Satisfactory <input type="checkbox"/> Minimally Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not Applicable

Comments: