

## Rubric - Senior Project –Technical Aspects

To be completed by the instructor for each team.

	Unacceptable - 0.0	Inadequate - 1.0	Needs Improvement - 2.0	Adequate - 3.0	Excellent - 4.0	Score
<b>Definition</b>	Requirements were unclearly or incompletely identified and analyzed, leading to a poor end result		Certain requirements were inadequately identified and analyzed, with negative effects on the end result		Clear and complete identification and analysis of all project requirements	
<b>Analysis</b>	Only one approach was considered; or the chosen approach was clearly not the best one		More than one approach was considered; but their analyses were inadequate, and it is not clear that the chosen approach was justified		Multiple approaches were considered and analyzed; and one approach was chosen for valid reasons	
<b>Design</b>	The was little connection between the design and requirements		The design did not support certain requirements; or some design elements were not traceable to requirements		The design was consistent with, and traceable to, the requirements	
<b>Implementation</b>	Implementation proceeded with little in the way of coherent overall structure, coordinated component development, and/or testing		Some implementation steps were ill conceived or executed, and/or some components were inadequately tested		The final product was assembled using a manageable approach, with appropriate integration steps and unit and module testing	
<b>Performance</b>	Few requirements were tested for and/or satisfied		Final implementation satisfied most but not all requirements; or the satisfaction of some requirements was inadequately tested		Final implementation completely satisfied the project requirements, as supported by testing	
<b>Planning</b>	Project plans were either absent or grossly inadequate; or else they were mostly ignored		A project plan was developed, but exhibited some inadequate detail; or else was not consistently updated or followed		A project plan was developed, updated, and followed, including timelines with appropriately detailed milestones	
<b>Documentation</b>	Very little of the project was documented		Certain aspects of the project were adequately documented, but others were not.		Project documentation was produced in a timely fashion and with appropriate content	