Project Title: _____   Students: _____

Components	1-Not yet Competent	2- Competent	3- Sophisticated
Project description - Goals - Deliverables	▪ Insufficient level of detail leaving the reviewer unsure of the intended goal(s) and deliverable(s).	▪ Project described in adequate details enabling the reader to understand the general project goal(s) and deliverable(s).	▪ Described in detail making it very clear what it is that the product/system is intended to do. Very clear goal(s) and deliverable(s).
	0 – 1.5 points	1.5 – 2.5 points	3 - 4 points
Investigation of Relevant Literature	▪ Limited references with opinion-based discussions. Insufficient review of project concept and associated technology.	▪ In-depth analysis of project concept based on multiple literature sources. Adequate use of resources to select the most appropriate design approach.	▪ Comprehensive analysis of project concept based on technical publications, with a significant depth of understanding demonstrated.
	0 – 1.5 points	1.5 – 2.5 points	3 – 4 points
Quality of Design - System architecture - Approach validation	▪ System architecture described in a vague manner making it difficult to understand the design. Validation or testing of the product/system not discussed.	▪ System architecture described in sufficient detail enabling understanding of the overall design. Validation and testing discussed in a vague manner.	▪ System architecture details reveal that significant design thought has been put into it. Validation and testing discussed in detail.
	0 – 2.5 points	3 – 5.5 points	6 – 8 points
Preliminary Results	▪ No preliminary simulation or prototype testing results.	▪ Some preliminary results although lacking in data analysis and discussion.	▪ Preliminary results presented with in-depth data analysis and discussion.
	0 – 1.5 points	1.5 – 2.5 points	3 – 4 points
Project Planning - Work plan - Individual involvement - Budget summary	▪ Project schedule and/or individual assignments not discussed. ▪ No mention of budget.	▪ Project schedule and budget discussed although lacking in details. ▪ Some tasks are assigned members in charge.	▪ Project schedule discussed, logic plan for achieving deliverables and clear individual involvement. Budget presented in detail.
	0 – 2 points	2.5 – 4 points	4.5 – 6 points
Report Organization	▪ Aspects of report are too elementary of too sophisticated for reader. ▪ Plots, diagrams and tables are difficult to read or not labeled. ▪ Frequent errors in grammar and spelling.	▪ Report is neatly written. ▪ Plots, diagrams and tables are clear and labeled. ▪ Occasional errors in grammar and spelling.	▪ Writing style is consistent and professional. Good flow, easy read. ▪ Clear and accurate plots, diagrams and tables. All neatly labeled and referenced. ▪ No errors in spelling or grammar.
	0 – 1.5 points	1.5 – 2.5 points	3 – 4 points
Total	___ / 30		