

CSE Project Report Evaluation Form

Project Title:

Supervisor:

Co-Supervisor:

No.	Student Name	Student ID
S1		
S2		
S3		
S4		

	Evaluation Criteria	Weight	Scale					Marks Obtained			
			Not Evident	Below Average	Average	Good	Excellent	S 1	S 2	S 3	S 4
Problem Formulation and Solution Identification (30)	Problem is well-defined and its importance highlighted?	6	Not done	Vaguely defined and importance not highlighted	Partially defined but importance not highlighted	Partially defined and importance highlighted	Clearly Defined and importance highlighted				
	Problem requirements are stated?	6	Not done	Requirements not stated clearly	Some requirements stated clearly	Most requirements stated clearly	All requirements stated clearly				
	Problem analysis tools are used (e.g. Interviews, surveys, research, questionnaire)?	6	Not done	Methodology used is inadequate and analysis poorly done	Methodology used is partially adequate and analysis poorly done	Methodology used is partially adequate and analysis well done	Methodology used is adequate and analysis well done				

	Approach and Model Architecture clearly explained?	6	Not done	Very little description of any design choices, their justification or intuition, or data to support them	Some attempt at describing approach and design choices, but motivation or intuition for them are unclear. No data or intuition provided for various choices made.	Approach somewhat clearly described, with some missing details. Most design choices well-described, some lack of clarity or justification for them.	Approach is clearly described, with detailed explanation of the model architecture. Strong data/evidence provided for at least some of the choices. Design choices explicitly mentioned and justified. Shows good understanding of material, tradeoffs between various options.				
	Solution properly described and analyzed?	6	Not done	Poor solution description And complexity poorly analyzed.	Good solution description but complexity not analyzed.	Good solution description and complexity partially analyzed.	Good solution description and complexity well analyzed.				
Project Design (30)	Successful Architecture Design?	8	Not done	Unsuccessful design solution due to lack of creative use of concept, limited exploration of technique and/or application of principles. Little effort to challenge creative boundaries resulting in obvious or poorly developed solution.	Fundamentally sound design solution with moderately creative use of concept, fundamentally appropriate technique, and adequate application of principles. Solution shows some effort to challenge creative boundaries with limited or uneven success.	Interesting design solution showing consistently creative development of concept, original development of technique and original application of principles. Solution shows ongoing creative inquiry and exploration of design potential with largely effective results.	Compelling design solution showing highly original creative development of concept, innovative application of techniques and exemplary use of principles. Solution shows rigorous creative inquiry and investigation throughout design process with highly successful results.				

	A well-defined software development methodology is chosen and its application clearly documented?	4	Not done	Wrong methodology has been chosen and not clearly documented	Right methodology has been chosen but poorly documented	Right methodology has been chosen and partially documented	Right methodology has been chosen and clearly documented				
	Design tools/techniques are used (e.g. ERD, DFD, state diagram, sequence diagrams, classdiagrams, Case Tools, ...)?	10	Not done	Some designs missing, others are faulty	All designs are faulty	Some designs are well done, other are faulty	All designs are well done				
	Well-designed experiments validate design choices?	8	Not done	Very little effort put towards designing and conducting experiments.	Experiments do not align well with problem statement or test overall claims of project. Glaring errors in the design of experiments that make the conclusions void.	Experiments are somewhat well-designed and cover most of the important conditions. Some missing experiments or conditions that would strengthen argument significantly.	Experiments are well designed to verify or refute claims made in problem statement. Several baseline or other conditions are performed to validate improvements. Experiments validate design choices.				
Prototype, Testing and Results (20)	User Manual?	10	Not done	Poorly Done	Partially Done	Needs Improvements	Complete Manual				
	Thorough Analysis of Results?	8	Not done	No or little results shown. Very little analysis of results, with even a superficial analysis missing.	Results are analyzed superficially with only raw numbers being dictated rather than potential causes for those results.	Thorough analysis of results but some glaring questions unanswered. Results for claims or problem statement not fully satisfactory.	Thorough analysis of results, presenting not just raw evaluation data but conclusions that can be drawn from them. Strong links made between problem statement, claims made, and results.				

	Conclusion and Future Work?	2	Not done	Little discussion or conclusions drawn.	Major components missing in the discussion. Little attempt to tie experiments and problem statement/claims together.	Some discussion and conclusions drawn but missing some points in terms of linkage of results to problem statement.	Discussion and conclusions tie the problem statement, experiments, and results well to tell an overall story. Future work clearly outlined.				
Professional Responsibility and Ethical/Social/Legal Awareness (10)	Recognizes basic computing/engineering ethical principles (license/copyright/legal/privacy)?	5	Not done	Barely recognizes and not applied in project	Recognizes and rarely applied in project	Recognizes and partially applied in project	Recognize and always applied in project				
	Analyzes ethical alternatives and consequences and chooses actions?	3	Not done	Begins to appraise the relevant facts and assumptions and identifies some alternatives. Has difficulty identifying an appropriate course of action from among alternatives.	Clarifies at least two alternatives and predicts their associated consequences in detail. Formulates an implementation plan that delineates the execution of the decision.	Clarifies some alternatives and evaluates each based on whether there is interest and concern over the welfare of all stakeholders. Formulates an implementation plan that delineates the execution of the decision and that evidences a thoughtful reflection on the benefits and risks of actions.	Clarifies several alternatives and evaluates each based on whether there is interest and concern over the welfare of all stakeholders. Formulates an implementation plan that delineates the execution of the decision and that evidences a complete reflection on the benefits and risks of actions.				
	Documents sources and references clearly?	2	Not done	All related sources and references are partially listed but not cited	All related sources and references are partially listed and partially cited	All related sources and references are listed and partially cited	All related sources and references are listed and cited				
Written Communication (10)	Proper Language Use	4	Not done	Poor language use (Grammar, Spelling, Punctuation, sentence structure)	Mediocre language use (Grammar, Spelling, Punctuation, sentence structure)	Good language use (Grammar, Spelling, Punctuation, sentence structure)	Excellent language use (Grammar, Spelling, Punctuation, sentence structure)				

