FINAL YEAR PROJECT PART 1 RUBRIC SCORE

	Exemplary (80-100%)	Good (65-79%)	Needs Improvement (50-64%)	Unsatisfactory (0-49%)	Marks
Problem Statement / Background Study 5%	• Report illustrates clear identification and thorough decomposition of objectives; • Objectives and goals are stated in such a way that the project scope and functional specifications are clearly identified.	• Report illustrates identification and decomposition of design objectives but the relative importance of objectives are not evaluated by team members. • Objective and goals are stated in terms of project scope and functional specifications.	• Report illustrates a limited understanding about objectives.	• Report illustrates inaccurate understanding of the objectives and goals of the project. • Objectives are irrelevant with the functional specifications of the project. • No technical information has been thought of to indentify the scope of the project.	
Requirement Analysis (Specifications and Constraints) 10%	• The degrees to which the functional specifications will be attained are compared to real world constraints. • All possible constraints of the project are discussed. • Specifications are clearly identified and stated in quantifiable manner.	• Expected performance has been mentioned and compared to meeting real world constraints but discussions about some of the constraints are missing. • Specifications are identified, but are stated in a somewhat unclear manner. • Awkward quantifications are provided.	• Functional description of the project is provided. • No additional constraints rather than the ones given in the project description are discussed. • Specifications are partially identified. No quantification is provided.	• Specifications and expected performance to meet real world constraints are missing and not thought of.	
Literature Review 20%	• Information presented displays expanded scope and relevance and is organized to enhance response to the problem presented showing evidence of a critique of prior work on the problem.	• Information presented related to problem displays expanded scope and relevance.	• Appropriate information related to problem is presented with appropriate citations.	• Weak or inappropriate information related to problem is presented; lack of appropriate citations.	

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Methodology 10%	• The proposed solution approach is clearly defined, supported by references on existing relevant works or products. • The logical sequence of principal methods and their particular purpose are given in details.	• The proposed solution approach is clearly defined. • The sequence of principal methods and their particular purpose are given without any systematic or logics.	• The proposed solution approach is defined with coarse description. • The solution to achieve the objective exists but does not reflect a clear understanding of the method.	• The proposed solution approach is insufficiently described with no or erroneous decomposition of method. • The method does not reflect a realistic approach.	
Hardware/ Software Application 5%	• Complete, well specified hardware and software requirements • Development platform and environment well specified and justified	• Complete specification of hardware and software requirements • Strategies for dealing with any differences between target and test platforms included.	• Some of the details of the target or development platforms and/or software, network, or database compatibilities are incomplete	• Most of the details of the target or development platforms are incomplete.	
Data Analysis and Design 20%	• Students correctly identify trends and are able to draw suitable accurate conclusions from the data. • Students can recognize errors and inaccuracies in the processed, manipulated and presented data and their analysis. • Students are able to relate presented data to other knowledge • Complete or 90% and above accurate requirements list, use case diagrams and descriptions, class and communication diagrams or other analysis diagrams. Non-functional requirements should be considered where appropriate	• Students identify trends and are able to draw conclusions from the data. There are few inaccuracies in analysis. • Students can recognize some errors and inaccuracies in the processed, manipulated and presented data. • Students are able to make some links to prior knowledge. • Up to 75% Requirements list, use case diagrams and descriptions, class and communication diagrams or other analysis diagrams. Non-functional requirements should be considered where appropriate	• Students attempts to identify trends to draw conclusions from the data. • There are inaccuracies in analysis Students attempt to make some links to prior knowledge. • Up to 50% missing requirements list, use case diagrams and descriptions, class and communication diagrams or other analysis diagrams. Non-functional requirements should be considered where appropriate	• Students make no attempt to analyse data or draw conclusions or the analysis is fundamentally flawed. • Students make no attempt to links to prior knowledge. • Very poor or below 50% requirements list, use case diagrams and descriptions, class and communication diagrams or other analysis diagrams. Non-functional requirements should be considered where appropriate	