

3.1 CAT 404 – Software Engineering (Rubric): Final Report (10%)

Criteria	Weight	Excellent A/A-	Good B+/B/B-	Fair C+/C/C-	Poor Minimal or No Control D+/D/D-/F
PLO3 - Select programming /research methods to evaluate system algorithm or protocols. (CLO2)					
Contents	40%	<ol style="list-style-type: none"> Excellent in describing a problem statement and motivation with proper references. Excellent elaboration of system objectives, scope and potential users. Excellent description of a solution using SE method/process/approach. Clearly compare similar or existing System/solution and existing method/technique/algorithm. Very clear demonstrate overall modules and system architecture of a proposed project. Excellent in showing the overall project management (e.g., Gantt Chart). Excellent in formulating limitations and future works Excellently written the report that fulfils the grammar rules and can deliver the correct meaning. Excellently follow the report format. The tables and figures have the proper captions Excellently written citations and references with a proper format. 	<ol style="list-style-type: none"> Fairly describe a problem statement and motivation with references. Fairly elaborate of the system objectives, scope and potential users. Fair description of a solution using SE method/process/approach. Fairly state similar or existing system/solution and existing method/technique/algorithm Fairly demonstrate overall modules and system architecture. Fairly show the overall project management (e.g., Gantt Chart). Fairly formulate limitations and future works Moderately written the report that fulfils the grammar rules and can deliver the correct meaning. Follow the report format. The tables and figures have the proper captions. Adequately written citations and references 	<ol style="list-style-type: none"> Weak in expressing a problem statement and motivation. Weak in elaboration of the system objectives, scope and potential users. Weak description of a solution using SE method/process/approach. No clearly stated similar or existing system/solution and existing method/technique/algorithm Weak in demonstrating overall modules and system architecture. Weak in showing the overall project management (e.g., Gantt Chart). Weak in formulating limitations and future works Fairly written the report that fulfils the grammar rules and can deliver the correct meaning that impairs the flow of communication. Format of report can be improved. Tables and figures can be improved. Citations and references are given occasionally. 	<ol style="list-style-type: none"> Very weak in expressing a problem statement and motivation. Very weak in elaborating the system objectives and scope Very Weak in describing a proposed solution to a problem. Very weak stated similar or existing system/solution and existing method/technique/algorithm Very weak / not demonstrating overall modules. Not showing the overall project management (e.g., Gantt Chart). No limitations and future works Poorly written the report and not fulfil the grammar rules and is unable to deliver the correct meaning that impairs the flow of communication. Not follow the report format. Tables, figures, and references are incomplete and incorrect. Citations and references poorly written
Description of System Implementation	20%	<ol style="list-style-type: none"> Excellent in demonstrating the overall modules & system architecture Excellent specifying and describing the methods/ approaches used with justification 	<ol style="list-style-type: none"> Fairly demonstrate the overall modules & system architecture Fairly specify and describe the methods/ approaches used with justification of the proposed solution. (use case, sequence, DFD etc) 	<ol style="list-style-type: none"> Weakly demonstrate the overall modules & system architecture Weakly specify and describe the methods/ approaches used with justification of the proposed solution. (use case, sequence, DFD etc) 	<ol style="list-style-type: none"> Poorly demonstrate the overall modules & system architecture Poorly specify and describe the methods/ approaches used with justification of the proposed solution. (use case, sequence, DFD etc)

		of the proposed solution. (use case, sequence, DFD etc) 3. Excellent in describing the implementation of the method/approach in the system. 4. Excellent in executing the testing plan and evaluation 5. Excellent in defining deployment plan. 6. Excellent in executing the performance evaluation (if applicable)	3. Fairly describe the implementation of the method/ approach in the system. 4. Fairly execute the testing plan and evaluation 5. Fairly define the deployment plan. 6. Fairly execute the performance evaluation (if applicable)	3. Weakly describe the implementation of the method/ approach in the system. 4. Weakly execute the testing plan and evaluation 5. Weakly define the deployment plan 6. Weakly execute the performance evaluation (if applicable)	3. Poorly describe the implementation of the method/ approach in the system. 4. Poorly execute the testing plan and evaluation 5. Poorly define the deployment plan 6. Poorly execute the performance evaluation (if applicable)
PLO7 - Relate existing literatures with new ideas in conducting the project (CLO5)					
Organisation Skill	20%	1. The report is excellently organized and contains all the required related background study, existing solutions, and the proposed solution. 2. The report is excellently arranged in the logical order from the introduction until references section.	1. The report is fairly organized and contains the required related background study, existing solutions, and the proposed solution. 2. The report is fairly arranged in the logical order from the introduction until references section.	1. The report is weakly organized and contains partial required related background study, existing solutions, and the proposed solution. 2. The report is weakly arranged in some logical order from the introduction until references section.	1. The report is poorly organized and contains incomplete required related background study, existing solutions, and the proposed solution. 2. The report is poorly arranged in some order from the introduction until references section.
Ability to relate to the SDG Alignment	20%	The problem addressed to be solved excellently meet any of the SDG	The problem addressed to be solved meets the SDG	The problem addressed to be solved occasionally meet the SDG	The problem addressed to be solved does not meet the SDG