SECJ 3032 FINAL YEAR PROJECT 1

RUBRIC : PROPOSAL (EVALUATOR 5%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score
Need	20	Clearly identifies a significant need or problem with well-supported evidence or research.	Identifies a relevant need or problem, but may lack depth in explanation or supporting evidence.	Need or problem is present but not well explained or lacks evidence.	Need or problem is unclear, vague, or irrelevant.	
Approach	20	Well-defined, innovative, and feasible approach with clear steps and methodology.	Clear approach but may lack some detail or innovation. Feasible but with minor uncertainties.	Approach is defined but has significant gaps in detail or feasibility.	Approach is poorly defined, lacks feasibility, or is unrealistic.	
Benefit	20	Benefits are highly impactful, well articulated, and clearly address the identified need.	Benefits are clear and reasonable, with moderate impact on the identified need.	Benefits are mentioned but lack clarity or are only marginally relevant to the need.	Benefits are vague, minimal, or do not address the identified need.	
Competition	20	Thorough analysis of competition, with clear differentiation and advantages identified.	Some analysis of competition, but lacks depth or thorough comparison.	Limited mention of competition, with unclear differentiation or advantages.	No mention of competition, or lacks any meaningful analysis.	
Evidence of Potential Stakeholders	10	Stakeholders are thoroughly identified, with strong evidence of engagement and alignment to the project.	Stakeholders are identified, but engagement is somewhat unclear or limited.	Stakeholders are vaguely identified or poorly matched to the project.	No stakeholders identified, or lack relevance to the project.	
References	10	All references are highly relevant, credible, and well-cited, effectively supporting the project's key points.	Most references are relevant and cited correctly, though a few may lack depth or connection to the project.	Some references are relevant, but several are outdated, poorly cited, or lack clear relevance.	Few or no relevant references are used, citations are missing, or sources lack credibility.	
					Total marks (100.0)	
					Proposal total marks (5%)	

*Presentation slide submission = COMPULSORY

SECJ 3032 FINAL YEAR PROJECT 1

RUBRIC : PROGRESS 1 (SUPERVISOR 10%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score
Clarity of Problem Statement	20	Problem is clearly defined and significant	Problem is clear but needs minor refinements	Problem is somewhat clear but lacks significance	Problem is unclear and lacks significance	
Project Objectives	20	Objectives are clear, measurable, and aligned with the problem	Objectives are mostly clear and measurable	Objectives are somewhat clear but not fully measurable	Objectives are unclear and not measurable	
Literature Review	50	Comprehensive review with relevant sources	Adequate review with some relevant sources	Basic review with limited sources	Inadequate review with few or irrelevant sources	
Work ethic	5	Positive attitude, good communication and relations with supervisor	Good attitude, good communication and relations with supervisor	Good attitude, poor communication with supervisor	Passive attitude, unable to communicate with supervisor	
Self-reliance / Independence	5	Able to work and solve p	Somewhat dependent on supervisor and able to solve problems with support	Dependent on superviso	Highly dependent on supervisor	
					Total marks (100.0)	
					Progress 1 total marks (10%)	

*Presentation slide submission = COMPULSORY

SECJ 3032 FINAL YEAR PROJECT 1

RUBRIC : PROGRESS 2 (SUPERVISOR 10%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score
Methodology	25	Methodology is well-defined and appropriate	Methodology is defined but needs refinement	Methodology is somewhat defined but lacks detail	Methodology is poorly defined or inappropriate	
Requirements Analysis	25	All requirements identified and documented in detail	Most requirements identified, with minor gaps	Some key requirements missing, documentation incomplete	Many requirements missing or poorly documented	
System Design	25	Well-defined architecture design, database design and UI design.	Defined architecture design, database design and UI design with minor issues.	Basic architecture, lacks clarity in some components	Poor architecture, lacks modularity and scalability	
Requirements Document	15	All requirements are clearly specified, complete with required models that are correct	All requirements are mostly specified, complete with required models that are mostly correct	Requirements are partly specified, with required models that are partly correct	Requirements are insufficiently specified, with/without required models that are mostly incorrect	
Work ethic	5	Positive attitude, good communication and relations with supervisor	Good attitude, good communication and relations with supervisor	Good attitude, poor communication with supervisor	Passive attitude, unable to communicate with supervisor	
Self-reliance / Independence	5	Able to work and solve pro	Somewhat dependent on supervisor and able to solve problems with support	Dependent on supervisor	Highly dependent on supervisor	
					Total marks (100.0)	
					Progress 2 total marks (10%)	

*Presentation slide submission = COMPULSORY

SECJ 3032 FINAL YEAR PROJECT 1

RUBRIC : FINAL REPORT (EVALUATOR 40%)

			Final Report			
Criteria	**Weight (%)**	**Excellent (4)**	**Good (3)**	**Fair (2)**	**Poor (1)**	**Score**
Abstract	10	The abstract is clear, concise, and effectively covers all key elements: a well-defined problem, appropriate methodology, clear proposed solution, and strong significance of results.	The abstract covers all key elements, though one or two may lack detail or clarity. Overall connection is good.	The abstract mentions the key elements but lacks depth or clarity in one or more areas, with weak connections.	The abstract is incomplete or unclear, missing key elements or providing little meaningful detail.	
Introduction	15	Contents are complete and clearly written Contents reflect project understanding	Contents are complete but not clearly written Contents fairly reflect project understanding	Contents are somewhat complete but not clearly written Contents fairly reflect project understanding	Contents incomplete and poorly written Mismatched understanding of project	
Literature review	20	Complete investigation of existing system / techniques / hardware / software Adequate and relevant supporting literature	Complete investigation of existing system / techniques / hardware / software Satisfactory supporting literature but can be improved	Incomplete investigation of existing system / techniques / hardware / software Insufficient supporting literature	Limited investigation of existing system / techniques / hardware / software Limited supporting literature	
Methodology	20	Appropriate selection of methodology Phases clearly stated and sufficient to support project	Appropriate selection of methodology Phases not clearly stated and insufficient to support project	Incorrect selection of methodology Phases not clearly stated and incomplete	Incorrect selection of methodology Phases not clearly stated and does not reflect project progress	

Conclusion	15	Clear discussion on current project achievements Planning of PSM2 project is stated clearly	Quite clear discussion on current project achievements Planning of PSM2 project is stated quite clearly	Somewhat clear discussion on current project achievements Planning of PSM2 project is stated satisfactorily	Limited discussion on current project achievements Planning of PSM2 project is not clearly stated	
Relevance of Evidence (References and Citations)	10	All references are highly relevant, credible, and well-cited, effectively supporting the project's key points.	Most references are relevant and cited correctly, though a few may lack depth or connection to the project.	Some references are relevant, but several are outdated, poorly cited, or lack clear relevance.	Few or no relevant references are used, citations are missing, or sources lack credibility.	
Appendix 1: List of Prompts Used	10	Prompts are highly relevant and clearly aligned with the project objectives, helping to significantly advance the design, analysis, or brainstorming process.	Prompts are generally relevant and help achieve most project objectives, though some prompts may be loosely connected to the goals.	Some prompts are relevant but others may lack clear alignment with the project goals or fail to effectively advance the work.	Most prompts are irrelevant or unrelated to the project objectives, providing little or no contribution to the final outcome.	
					Total marks (100.0)	
					Final Report total marks (12.5%)	

Software Document						
Criteria	Weight (%)	Exceeds Expectations (4)	Meets Expectations (3)	Needs Improvement (2)	Unsatisfactory (1)	Score
Analysis: Software Requirements Specification	35	All requirements including security requirements are clearly specified, complete with required models that are correct	All requirements are mostly specified, complete with required models that are mostly correct	Requirements are partly specified, with required models that are partly correct	Requirements are insufficiently specified, with/without required models that are mostly incorrect	
Design: Software Design Descriptions	30	All design artefacts are well described, complete with required models that are correct and relevant to the problem	All design artefacts are described, complete with required models that are mostly correct and relevant to the problem	All design artefacts are partly described, with required models that are partly correct and relevant to the problem	Design artefacts are insufficiently described, with/without required models that are mostly incorrect and relevant to the problem	
Testing: Software Testing Document	35	All functional, non-functional, negative test cases are covered	Most key test cases are covered with minor gaps	Some important test cases are missing	Many test cases are missing or incomplete	
					Total marks (100.0)	
					Software Document total marks (12.5%)	

Presentation						
Criteria	Weight (%)	Exceeds Expectations (4)	Meets Expectations (3)	Needs Improvement (2)	Unsatisfactory (1)	Score
Clarity of Presentation	20	Presentation is extremely clear and understandable, with all key points well-articulated	Presentation is clear and understandable, but with minor issues in articulation	Presentation is somewhat clear, but with significant issues in articulation	Presentation is unclear, difficult to follow, and lacks articulation	
Project understanding / Content	15	Clearly define the topic, problem, varied solution and clearly justified Clearly understand the key analysis and expected result with relevant and accurate evidence and appropriate details Provide evidence with multiple and varied sources	Define the topic, problem and its possible solution Mostly understand the key analysis and the expected findings but the explanation is not clear Provide evidence with multiple sources	Define the topic, problem and its possible solution Somehow understand the key analysis and the expected findings but with little evidence	Does not clearly define the topic, problem, and its possible solution. Little understanding of the key analysis and the expected findings with or without evidence	
Organization and Structure	15	Presentation is excellently organized with a logical flow and clear structure	Presentation is well-organized with a logical flow, but with minor issues	Presentation is somewhat organized but lacks a clear structure or flow	Presentation is not organized	
Delivery and Presentation Skills	15	Presenter delivers confidently and engagingly, with excellent eye contact and body language	Presenter delivers confidently, with good eye contact and body language	Presenter is somewhat confident but lacks engagement or effective body language	Presenter is lacking in confidence, engagement, and body language	
Visual Aids and Materials	10	Visual aids are highly effective, well-designed, and enhance the presentation	Visual aids are effective and support the presentation, with minor improvements needed	Visual aids are somewhat effective but could be improved in design or relevance	Visual aids are ineffective, poorly designed, or do not support the presentation	
Response to Questions	15	Responds to all questions confidently and accurately, demonstrating a thorough understanding	Responds to most questions accurately with minor gaps in understanding	Responds to questions with some uncertainty or incomplete answers	Fails to respond adequately to questions or demonstrates lack of understanding	
Appearance and attitude	10	Professionally dressed and fully complies with UTM Smart Day dress code. Shows a positive and respectful attitude toward examiners.	Dressed appropriately with minor deviations from the UTM Smart Day dress code. Polite and respectful to examiners.	Dressed casually, some violations of UTM Smart Day dress code. Shows limited politeness or respect toward examiners.	Does not follow UTM Smart Day dress code. Impolite to examiners.	
					Total marks (100.0)	
					Presentation total marks (15%)	

SECJ 3032 FINAL YEAR PROJECT 1

RUBRIC : FINAL REPORT (SUPERVISOR 40%)

			Final Report			
Criteria	**Weight (%)**	**Excellent (4)**	**Good (3)**	**Fair (2)**	**Poor (1)**	**Score**
Abstract	10	The abstract is clear, concise, and effectively covers all key elements: a well-defined problem, appropriate methodology, clear proposed solution, and strong significance of results.	The abstract covers all key elements, though one or two may lack detail or clarity. Overall connection is good.	The abstract mentions the key elements but lacks depth or clarity in one or more areas, with weak connections.	The abstract is incomplete or unclear, missing key elements or providing little meaningful detail.	
Introduction	15	Contents are complete and clearly written Contents reflect project understanding	Contents are complete but not clearly written Contents fairly reflect project understanding	Contents are somewhat complete but not clearly written Contents fairly reflect project understanding	Contents incomplete and poorly written Mismatched understanding of project	
Literature review	20	Complete investigation of existing system / techniques / hardware / software Adequate and relevant supporting literature	Complete investigation of existing system / techniques / hardware / software Satisfactory supporting literature but can be improved	Incomplete investigation of existing system / techniques / hardware / software Insufficient supporting literature	Limited investigation of existing system / techniques / hardware / software Limited supporting literature	
Methodology	20	Appropriate selection of methodology Phases clearly stated and sufficient to support project	Appropriate selection of methodology Phases not clearly stated and insufficient to support project	Incorrect selection of methodology Phases not clearly stated and incomplete	Incorrect selection of methodology Phases not clearly stated and does not reflect project progress	

Conclusion	15	Clear discussion on current project achievements Planning of PSM2 project is stated clearly	Quite clear discussion on current project achievements Planning of PSM2 project is stated quite clearly	Somewhat clear discussion on current project achievements Planning of PSM2 project is stated satisfactorily	Limited discussion on current project achievements Planning of PSM2 project is not clearly stated	
Relevance of Evidence (References and Citations)	10	All references are highly relevant, credible, and well-cited, effectively supporting the project's key points.	Most references are relevant and cited correctly, though a few may lack depth or connection to the project.	Some references are relevant, but several are outdated, poorly cited, or lack clear relevance.	Few or no relevant references are used, citations are missing, or sources lack credibility.	
Appendix 1: List of Prompts Used	10	Prompts are highly relevant and clearly aligned with the project objectives, helping to significantly advance the design, analysis, or brainstorming process.	Prompts are generally relevant and help achieve most project objectives, though some prompts may be loosely connected to the goals.	Some prompts are relevant but others may lack clear alignment with the project goals or fail to effectively advance the work.	Most prompts are irrelevant or unrelated to the project objectives, providing little or no contribution to the final outcome.	
					Total marks (100.0)	
					Final Report total marks (12.5%)	

Software Document						
Criteria	**Weight (%)**	**Exceeds Expectations (4)**	**Meets Expectations (3)**	**Needs Improvement (2)**	**Unsatisfactory (1)**	**Score**
Analysis: Software Requirements Specification	35	All requirements including security requirements are clearly specified, complete with required models that are correct	All requirements are mostly specified, complete with required models that are mostly correct	Requirements are partly specified, with required models that are partly correct	Requirements are insufficiently specified, with/without required models that are mostly incorrect	
Design: Software Design Descriptions	30	All design artefacts are well described, complete with required models that are correct and relevant to the problem	All design artefacts are described, complete with required models that are mostly correct and relevant to the problem	All design artefacts are partly described, with required models that are partly correct and relevant to the problem	Design artefacts are insufficiently described, with/without required models that are mostly incorrect and relevant to the problem	
Testing: Software Testing Document	35	All functional, non-functional, negative test cases are covered	Most key test cases are covered with minor gaps	Some important test cases are missing	Many test cases are missing or incomplete	
					Total marks (100.0)	
					Software Document total marks (12.5%)	

SECJ 3032 FINAL YEAR PROJECT 1

RUBRIC : SUPERVISION (SUPERVISOR 10%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score
Quality of Engagement	30	Each meeting is well-prepared, productive, and results in clear action items or progress; active participation is evident.	Meetings are generally productive with some preparation, though not all result in clear progress or action items.	Some meetings lack preparation or focus, leading to limited progress or unclear outcomes.	Meetings are unproductive, lack preparation, and result in little to no progress or actionable outcomes.	
Consistency in Reporting Progress	30	Provides comprehensive updates on progress during each meeting, ensuring clear communication of achievements and challenges.	Provides updates on progress in most meetings, though some details or challenges may be overlooked.	Provides inconsistent or incomplete updates on progress, with gaps in communication about key issues.	Provides little to no updates on progress, with poor communication and unclear reporting of challenges.	
Work ethic	10	Positive attitude, good communication and relations with supervisor	Good attitude, good communication and relations with supervisor	Good attitude, poor communication with supervisor	Passive attitude, unable to communicate with supervisor	
Self-reliance / Independence	10	Able to work and solve problems independently	Somewhat dependent on supervisor and able to solve problems with support	Dependent on supervisor	Highly dependent on supervisor	
Timeliness	20	Consistently meets all deadlines for deliverables, showing excellent time management.	Meets most deadlines, with only minor delays that do not impact overall progress.	Frequently misses deadlines or requires extensions, impacting progress.	Rarely meets deadlines, causing significant delays in progress and supervision activities.	
Total marks (100.0)						
Supervision total marks (10%)						