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 Data Used or Respondents	10	Data or respondents are highly relevant and strongly aligned with the research objectives.	Data or respondents are relevant, with minor gaps in alignment with objectives.	Some data or respondents are relevant, but alignment with objectives is weak.	Data or respondents are poorly chosen and misaligned with the research goals.	
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	Some references are relevant, but several are outdated, poorly cited, or lack clear relevance.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	
Research Questions	15	Research questions are clear, and aligned with the problem	Research questions are mostly clear	Research questions are somewhat clear	Research questions are unclear	
Research Objectives	15	Research objectives are clearly stated, measurable, and aligned with the project goals. The objective include a highly functional proof-of-concept through either an interactive dashboard or prototype to effectively visualize and analyze results.	Research objectives are clear and mostly measurable, with good alignment to the project goals. A functional proof-of-concept through a dashboard or prototype is provided, though it may lack some interactivity or depth in result analysis.	Research objectives are somewhat vague or incomplete, and may not be entirely measurable. A basic dashboard or prototype is present but does not fully support the result analysis.	Research objectives are unclear, incomplete, or irrelevant. No proof-of-concept is provided, or the dashboard/prototype is missing or irrelevant for visualizing results analysis.	
Literature Review	40	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 solveprob	Somewhat dependent on supervisor and able to solve problems with support	Dependent on supervisor	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	30	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	
Initial Finding	30	Complete explanation on initial research solution	Almost complete explanation on initial research solution	Partly complete explanation on initial research solution	Limited / inappropriate / incomplete explanation on initial research solution	
Support and Evidence	30	Findings are well-supported by strong evidence, including data, literature, or experiments, with clear justification for all claims.	Findings are supported by evidence, though some claims may require further justification or stronger evidence.	Findings are weakly supported, with some claims lacking sufficient evidence or clear justification.	Findings are poorly supported, with little to no evidence or justification for the claims made.	
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 solveprol	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%)

						Score
Final Report						
Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	
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	Comprehensive review with relevant sources	Adequate review with some relevant sources	Basic review with limited sources	Inadequate review with few or irrelevant sources	
Methodology	20	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	
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 research objectives, helping to significantly advance the design, analysis, or brainstorming process.	Prompts are generally relevant and help achieve most research objectives, though some prompts may be loosely connected to the goals.	Some prompts are relevant but others may lack clear alignment with the research goals or fail to effectively advance the work.	Most prompts are irrelevant or unrelated to the research objectives, providing little or no contribution to the final outcome.	
					Total marks (100.0)	
					Final Report total marks (12.5%)	

		Initial Finding				
Criteria	**Weight (%)**	**Exceeds Expectations (4)**	**Meets Expectations (3)**	**Needs Improvement (2)**	**Unsatisfactory (1)**	**Score**
Relevance and Significance	35	Findings are highly relevant to the research problem, clearly addressing the core issues and contributing significant insights to the field.	Findings are relevant to the research problem, providing valuable insights but with some minor gaps in addressing core issues.	Findings are somewhat relevant, but lack depth or clear connection to the research problem, offering limited insights.	Findings are not relevant or significant, showing little connection to the research problem and offering minimal insights.	
Clarity and Precision	30	Findings are articulated with exceptional clarity and precision, making the results easily understandable and interpretable.	Findings are clear and precise, though some areas may require further clarification or detail.	Findings lack clarity in several areas, leading to potential misunderstandings or ambiguity.	Findings are vague, unclear, or poorly articulated, making them difficult to understand or interpret.	
Support and Evidence	35	Findings are well-supported by strong evidence, including data, literature, or initial experiments, with clear justification for all claims.	Findings are supported by evidence, though some claims may require further justification or stronger evidence.	Findings are weakly supported, with some claims lacking sufficient evidence or clear justification.	Findings are poorly supported, with little to no evidence or justification for the claims made.	
					Total marks (100.0)	
					Initial Findings 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 25%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score
Final Report						
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\n\nContents reflect project understanding	Contents are complete but not clearly written\n\nContents fairly reflect project understanding	Contents are somewhat complete but not clearly written\n\nContents fairly reflect project understanding	Contents incomplete and poorly written\n\nMismatched understanding of project	
Literature review	20	Comprehensive review with relevant sources	Adequate review with some relevant sources	Basic review with limited sources	Inadequate review with few or irrelevant sources	
Methodology	20	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	
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 research objectives, helping to significantly advance the design, analysis, or brainstorming process.	Prompts are generally relevant and help achieve most research objectives, though some prompts may be loosely connected to the goals.	Some prompts are relevant but others may lack clear alignment with the research goals or fail to effectively advance the work.	Most prompts are irrelevant or unrelated to the research objectives, providing little or no contribution to the final outcome.	
Total marks (100.0)						
Final Report total marks (12.5%)						

		Initial Finding				
Criteria	**Weight (%)**	**Exceeds Expectations (4)**	**Meets Expectations (3)**	**Needs Improvement (2)**	**Unsatisfactory (1)**	**Score**
Relevance and Significance	35	Findings are highly relevant to the research problem, clearly addressing the core issues and contributing significant insights to the field.	Findings are relevant to the research problem, providing valuable insights but with some minor gaps in addressing core issues.	Findings are somewhat relevant, but lack depth or clear connection to the research problem, offering limited insights.	Findings are not relevant or significant, showing little connection to the research problem and offering minimal insights.	
Clarity and Precision	30	Findings are articulated with exceptional clarity and precision, making the results easily understandable and interpretable.	Findings are clear and precise, though some areas may require further clarification or detail.	Findings lack clarity in several areas, leading to potential misunderstandings or ambiguity.	Findings are vague, unclear, or poorly articulated, making them difficult to understand or interpret.	
Support and Evidence	35	Findings are well-supported by strong evidence, including data, literature, or initial experiments, with clear justification for all claims.	Findings are supported by evidence, though some claims may require further justification or stronger evidence.	Findings are weakly supported, with some claims lacking sufficient evidence or clear justification.	Findings are poorly supported, with little to no evidence or justification for the claims made.	
					Total marks (100.0)	
					Initial Findings 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%)	