SECJ 4134 FINAL YEAR PROJECT 2

RUBRIC : PROGRESS 1 (SUPERVISOR 5%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Milestone achieved	30	=> 40% project completed	< 40% project completed	< 30% project completed	No/minimal achievement		
Project execution follows planning	20	No/minimal progress	Progress behind schedule	Progress on schedule	Progress ahead of schedule		
Knowledge and skill improvement	20	Minimal new skills developed, unable to express new skills to supervisor	Some improvement in skills and knowledge, unable to express new skills to supervisor	Some improvement in skills and knowledge, able to express new skills to supervisor	Significant improvement in skills and knowledge, able to clearly express new skills to supervisor		
Work ethic	15	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	15	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		
					Total marks (100.0)		
					Progress 1 total marks (5%)		

*Presentation slide submission = COMPULSORY

SECJ 4134 FINAL YEAR PROJECT 2

RUBRIC : PROGRESS 2 (SUPERVISOR 5%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Milestone achieved	30	=> 70% project completed	< 70% project completed	< 60% project completed	No/minimal achievement		
Project execution follows planning	20	No/minimal progress	Progress behind schedule	Progress on schedule	Progress ahead of schedule		
Knowledge and skill improvement	20	Significant improvement in skills and knowledge, able to clearly express new skills to supervisor	Some improvement in skills and knowledge, able to express new skills to supervisor	Some improvement in skills and knowledge, unable to express new skills to supervisor	Minimal new skills developed, unable to express new skills to supervisor		
Work ethic	15	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	15	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		
					Total marks (100.0)		
					Progress 2 total marks (5%)		

*Presentation slide submission = COMPULSORY

SECJ 4134 FINAL YEAR PROJECT 2
RUBRIC : FINAL REPORT (SUPERVISOR 20%)

		FINAL REPORT					
Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Abstract	5	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	10	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	15	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	15	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		
Analysis: Software Requirements Specification	10	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		
Design: Software Design Descriptions	10	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		
Implementation and Testing	15	All required test cases are designed and correct Implementation is well described 100% coverage of test cases executed, and completed debugging UAT is performed and improvement is made based on the feedback	The designed test cases are mostly correct Implementation is described 80%-99% coverage of test cases executed, and completed debugging UAT is performed but no improvement is made based on the feedback	The designed test cases are partly correct Implementation is described 50%-79% coverage of test cases executed, and completed debugging	The designed test cases are absent or mostly incorrect Implementation is described, Less than 50% coverage of test cases executed, and completed debugging		
Conclusion	10	Provides a comprehensive and clear summary of the system development process, including key features, design decisions, and implementation details. Provides thoughtful and detailed recommendations for future work, including specific improvements, potential extensions, and further research areas.	Summarizes the system development process clearly, but may miss some details or specific aspects of the implementation. Offers reasonable recommendations for future work, but they may be somewhat general or lack specific details.	Offers a basic summary of the system development process, but lacks details or connections between different stages. Suggests future work but does so in a vague or non-specific manner, lacking clear direction or detail.	Provides an incomplete or unclear summary of the system development process, missing key aspects or details. Does not address future work or provides vague, unhelpful, or irrelevant suggestions.		
Relevance of Evidence (References and Citations)	5	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	5	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.		*Relevancy of prompts used*
					Total marks (100.0)		
					Final Report total marks (10%)		

		SOFTWARE DOCUMENTS : 10%					
Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
User Acceptance Test Report	50%	Comprehensive test cases, covering all critical functionalities, realistic scenarios. All results documented, detailed analysis of outcomes, clear explanations of failures. User feedback thoroughly collected, clear acceptance criteria met with detailed justification.	Most key functionalities covered, some scenarios lack detail. Most results documented, failures analyzed but not fully explained. User feedback collected, acceptance criteria addressed but justifications may be unclear.	Incomplete, several key functionalities missing, poorly described scenarios. Results incomplete, weak analysis of failures, unclear outcomes. Minimal user feedback, partial address of acceptance criteria, weak justifications.	Few or no test cases, scenarios unrealistic or missing. Poor or missing documentation, no analysis of outcomes. No feedback collected, unclear if acceptance criteria were met.		
Test Execution Report	50%	All test cases executed thoroughly with complete records of results, logs, and issues. Results are meticulously documented, with clear pass/fail status, detailed notes, and explanation of test outcomes.	Most test cases executed, with some records and logs, but a few gaps in execution details. Results are well documented but may lack some detail in notes or explanations of test outcomes.	Test execution is partial, with incomplete logs or missing execution details for key test cases. Results are documented but incomplete, with missing pass/fail status or unclear explanations.	Test execution is poorly documented or incomplete, with minimal records or missing logs. Results are poorly documented, with missing or incorrect pass/fail status, and no clear explanations of outcomes.		
					Total marks (100.0)		
				SOFTWARE DOCUMENTS total marks (10%)			

SECJ 4134 FINAL YEAR PROJECT 2
RUBRIC : FINAL REPORT (EVALUATORS 20%)

FINAL REPORT

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Abstract	5	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	10	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	15	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	15	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		
Analysis: Software Requirements Specification	10	All requirements are clearly specified, complete with required models that are correct	All requirements are mostly specified, complete with required models that are 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	10	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		
Implementation and Testing	15	All required test cases are designed and correct. Implementation is well described. 100% coverage of test cases executed, and completed debugging. UAT is performed and improvement is made based on the feedback	The designed test cases are mostly correct. Implementation is described. 80%-99% coverage of test cases executed, and completed debugging. UAT is performed but no improvement is made based on the feedback	The designed test cases are partly correct. Implementation is described. 50%-79% coverage of test cases executed, and completed debugging	The designed test cases are absent or mostly incorrect. Implementation is described. Less than 50% coverage of test cases executed, and completed debugging		
Conclusion	10	Provides a comprehensive and clear summary of the system development process, including key features, design decisions, and implementation details. Provides thoughtful and detailed recommendations for future work, including specific improvements, potential extensions, and further research areas.	Summarizes the system development process clearly, but may miss some details or specific aspects of the implementation. Offers reasonable recommendations for future work, but they may be somewhat general or lack specific details.	Offers a basic summary of the system development process, but lacks details or connections between different stages. Suggests future work but does so in a vague or non-specific manner, lacking clear direction or detail.	Provides an incomplete or unclear summary of the system development process, missing key aspects or details. Does not address future work or provides vague, unhelpful, or irrelevant suggestions.		
Relevance of Evidence (References and Citations)	5	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	5	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.		*Relevancy of prompts used*
					Total marks (100.0)		
					Final Report total marks (10%)		

SOFTWARE DOCUMENTS : 10%

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
User Acceptance Test Report	50	Comprehensive test cases, covering all critical functionalities, realistic scenarios. All results documented, detailed analysis of outcomes, clear explanations of failures. User feedback thoroughly collected, clear acceptance criteria met with detailed justification.	Most key functionalities covered, some scenarios lack detail. Most results documented, failures analyzed but not fully explained. User feedback collected, acceptance criteria justifications may be unclear.	Incomplete, several key functionalities missing, poorly described scenarios. Results incomplete, weak analysis of failures, unclear outcomes. Minimal user feedback, partial address of acceptance criteria, weak justifications.	Few or no test cases, scenarios unrealistic or missing. Poor or missing documentation, no analysis of outcomes. No feedback collected, unclear if acceptance criteria were met.		
Test Execution Report	50	All test cases executed thoroughly with complete records of results, logs, and issues. Results are meticulously documented, with clear pass/fail status, detailed notes, and explanation of test outcomes.	Most test cases executed, with some records and logs, but a few gaps in execution details. Results are well documented but may lack some detail in notes or explanations of test outcomes.	Test execution is partial, with incomplete logs or missing execution details for key test cases. Results are documented but incomplete, with missing pass/fail status or unclear explanations.	Test execution is poorly documented or incomplete, with minimal records or missing logs. Results are poorly documented, with missing or incorrect pass/fail status, and no clear explanations of outcomes.		
					Total marks (100.0)		
					SOFTWARE DOCUMENTS total marks (10%)		

RUBRIC : PRESENTATION (EVALUATORS 15%)

PRESENTATION

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
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 4134 FINAL YEAR PROJECT 2

RUBRIC : SUPERVISION (SUPERVISOR 10%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
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%)		

SECJ 4134 FINAL YEAR PROJECT 2

RUBRIC : OUTPUT (SUPERVISOR 40%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Fulfilled aim, objectives and scope	20	Clearly and comprehensively fulfills the stated aim of the project, demonstrating a deep understanding and achievement of the project's primary goal. Successfully achieves all stated objectives, demonstrating thorough completion and effective integration of each objective into the project. Fully adheres to the defined scope of the project, including all relevant aspects and boundaries, and stays within the project's limitations.	Fulfills the aim of the project with clarity, though some aspects may be less thoroughly addressed or explored. Achieves most of the objectives, though some objectives may not be fully realized or integrated effectively. Generally adheres to the scope, but may have minor deviations or omissions that do not significantly impact the overall project.	Addresses the aim of the project but does so in a basic manner, with some important aspects potentially overlooked. Meets some of the objectives, but several are inadequately addressed or partially completed Shows some adherence to the scope, but includes notable deviations or lacks coverage of important areas.	Does not adequately fulfill the aim of the project, missing significant aspects or failing to address the primary goal effectively. Fails to achieve the majority of the objectives, with significant gaps or incomplete work related to the project's goals. Fails to adhere to the defined scope, with significant deviations or omissions impacting the project's completeness and relevance.		
Code programming	15	Code is completely correct and functional, with all features working as intended without any errors or bugs. Code fully adheres to established coding standards and best practices, including proper naming conventions, indentation, and structure.	Code is mostly correct and functional, with minor errors or issues that do not significantly impact overall performance. Code adheres to coding standards with minor deviations, but overall maintains good structure and readability.	Code has several errors or bugs, with some features not working as intended, affecting overall functionality. Code partially follows coding standards, with several deviations that impact readability and maintainability.	Code is largely incorrect or non-functional, with major errors and significant issues impacting functionality. Code does not adhere to coding standards, with poor structure, inconsistent naming, and formatting issues that affect readability.		
Completeness	15	The system covers all specified requirements comprehensively, including any additional requirements that were identified during development. All features of the system are fully functional and operate as intended, providing complete functionality as described. The system is well-integrated and coherent, with all components working together seamlessly and logically. The user interface is intuitive, user-friendly, and fully functional, providing an excellent user experience with minimal learning curve.	The system covers most of the specified requirements, with only minor requirements unmet or incomplete. Most features are functional, with only minor issues or features not fully operational. The system is generally integrated and coherent, but there are minor issues with the integration of components or logical flow. The user interface is generally user-friendly, with some usability issues that do not significantly hinder the user experience.	The system addresses some of the specified requirements, but several key requirements are missing or partially completed. Several features are not functional or only partially operational, affecting overall system completeness. The system has noticeable integration issues or lacks coherence in some areas, affecting the overall user experience. The user interface has several usability issues, making the system less user-friendly and requiring a noticeable learning curve.	The system does not meet the majority of the specified requirements, with significant gaps and unmet needs. Many features are non-functional or missing, severely impacting the system's overall functionality and usability. The system exhibits significant integration problems and lacks coherence, leading to a disjointed and ineffective user experience. The user interface is poorly designed and difficult to use, resulting in a frustrating user experience and significant usability problems.		
Embedment of latest development practice	10	The system incorporates cutting-edge technologies that are current and relevant, demonstrating advanced knowledge and innovative application of tools and techniques. The project demonstrates strong application of professional development practices, including adherence to industry standards, best practices in coding versioning and documentation	The system uses recent technologies and tools effectively, but may not fully utilize the most advanced options or all emerging trends. The project shows a good application of professional development practices with minor deviations from industry standards or best practices.	The system incorporates some recent technologies, but relies on older or less advanced tools, showing limited integration of modern practices. The project shows basic application of professional development practices, with several deviations from industry standards and limited focus on best practices.	The system uses outdated technologies or tools with minimal integration of recent advancements, reflecting a lack of current industry practices. The project lacks application of professional development practices, with significant deviations from industry standards and poor adherence to best practices.		
Deployment to real environment (eg web hosting or real device)	20	The system is deployed to a real environment (eg web hosting or real device) seamlessly with minimal disruptions, and the system integrates perfectly into the real environment.	The system is deployed to a real environment (eg web hosting or real device) successfully with minor disruptions or deviations from the planned schedule, and most system components are effectively integrated.	The system is deployed with noticeable issues or delays, with several components not fully integrated or functioning as intended.	The system is not deployed to a real environment		
Enhanced service and/or commercialization	10	Has commercial value Enhances quality of service Increases quality of life	2 of these: Has commercial value Enhances quality of service Increases quality of life	1 of these: Has commercial value Enhances quality of service Increases quality of life	No commercial value No effect on quality of service or of life		
3 Minutes System Showcase Video	10	The video clearly and effectively demonstrates the system's features, functionalities, and benefits. The content is well-organized and easy to follow. The presentation is highly engaging, professional, and visually appealing. The speaker is confident, articulate, and uses effective visuals or props.	The video demonstrates the system's features and functionalities with good clarity, though some parts may be less detailed or slightly confusing. The presentation is generally engaging and professional with minor issues in visuals or delivery. The speaker is clear but may lack some confidence or polish.	The video provides basic information about the system but lacks clarity in explaining features and functionalities, making some parts difficult to understand. The presentation is basic and may lack engagement or professionalism. The speaker is somewhat clear but may have issues with delivery or visuals.	The video is unclear or disorganized, failing to effectively demonstrate the system's features and functionalities, leading to confusion. The presentation is unengaging, unprofessional, or poorly executed. The speaker is unclear or lacks confidence, and visuals or props are ineffective.		
					Total marks (100.0)		
					OUTPUT total marks (40%)		

SECJ 4134 FINAL YEAR PROJECT 2

RUBRIC : OUTPUT (EVALUATOR 40%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Fulfilled aim, objectives and scope	20	Clearly and comprehensively fulfills the stated aim of the project, demonstrating a deep understanding and achievement of the project's primary goal. Successfully achieves all stated objectives.	Fulfills the aim of the project with clarity, though some aspects may be less thoroughly addressed or explored. Achieves most of the objectives, though some objectives may not be fully realized or integrated.	Addresses the aim of the project but does so in a basic manner, with some important aspects potentially overlooked. Meets some of the objectives, but several are inadequately addressed or partially completed.	Does not adequately fulfill the aim of the project, missing significant aspects or failing to address the primary goal effectively. Fails to achieve the majority of the		
Code programming	15	Code is completely correct and functional, with all features working as intended without any errors or bugs. Code fully adheres to established coding standards and best practices, including proper naming conventions, indentation, and structure.	Code is mostly correct and functional, with minor errors or issues that do not significantly impact overall performance. Code adheres to coding standards with minor deviations, but overall maintains good structure and readability.	Code has several errors or bugs, with some features not working as intended, affecting overall functionality. Code partially follows coding standards, with several deviations that impact readability and maintainability.	Code is largely incorrect or non-functional, with major errors and significant issues impacting functionality. Code does not adhere to coding standards, with poor structure, inconsistent naming, and formatting issues that affect readability.		
Completeness	15	The system covers all specified requirements comprehensively, including any additional requirements that were identified during development. All features of the system are fully functional and operate as intended, providing complete functionality as described. The system is well-integrated and coherent, with all components working together seamlessly and logically. The user interface is intuitive, user-friendly, and fully functional, providing an excellent user experience with minimal learning curve.	The system covers most of the specified requirements, with only minor requirements unmet or incomplete. Most features are functional, with only minor issues or features not fully operational. The system is generally integrated and coherent, but there are minor issues with the integration of components or logical flow. The user interface is generally user-friendly, with some usability issues that do not significantly hinder the user experience.	The system addresses some of the specified requirements, but several key requirements are missing or partially completed. Several features are not functional or only partially operational, affecting overall system completeness. The system has noticeable integration issues or lacks coherence in some areas, affecting the overall user experience. The user interface has several usability issues, making the system less user-friendly and requiring a noticeable learning curve.	The system does not meet the majority of the specified requirements, with significant gaps and unmet needs. Many features are non-functional or missing, severely impacting the system's overall functionality and usability. The system exhibits significant integration problems and lacks coherence, leading to a disjointed and ineffective user experience. The user interface is poorly designed and difficult to use, resulting in a frustrating user experience and significant usability problems.		
Embedment of latest development practice	10	The system incorporates cutting-edge technologies that are current and relevant, demonstrating advanced knowledge and innovative application of tools and techniques. The project demonstrates strong application of professional development practices, including adherence to industry standards, best practices in coding versioning and documentation	The system uses recent technologies and tools effectively, but may not fully utilize the most advanced options or all emerging trends. The project shows a good application of professional development practices with minor deviations from industry standards or best practices.	The system incorporates some recent technologies, but relies on older or less advanced tools, showing limited integration of modern practices. The project shows basic application of professional development practices, with several deviations from industry standards and limited focus on best practices.	The system uses outdated technologies or tools with minimal integration of recent advancements, reflecting a lack of current industry practices. The project lacks application of professional development practices, with significant deviations from industry standards and poor adherence to best practices.		
Deployment to real environment (eg web hosting or real device)	20	The system is deployed to a real environment (eg web hosting or real device) seamlessly with minimal disruptions, and the system integrates perfectly into the real environment.	The system is deployed to a real environment (eg web hosting or real device) successfully with minor disruptions or deviations from the planned schedule, and most system components are effectively integrated.	The system is deployed with noticeable issues or delays, with several components not fully integrated or functioning as intended.	The system is not deployed to a real environment		
Enhanced service and/or commercialization	10	Has commercial value Enhances quality of service Increases quality of life	2 of these: Has commercial value Enhances quality of service Increases quality of life	1 of these: Has commercial value Enhances quality of service Increases quality of life	No commercial value No effect on quality of service or of life		
3 Minutes System Showcase Video	10	The video clearly and effectively demonstrates the system's features, functionalities, and benefits. The content is well-organized and easy to follow. The presentation is highly engaging, professional, and visually appealing. The speaker is confident, articulate, and uses effective visuals or props.	The video demonstrates the system's features and functionalities with good clarity, though some parts may be less detailed or slightly confusing. The presentation is generally engaging and professional with minor issues in visuals or delivery. The speaker is clear but may lack some confidence or polish.	The video provides basic information about the system but lacks clarity in explaining features and functionalities, making some parts difficult to understand. The presentation is basic and may lack engagement or professionalism. The speaker is somewhat clear but may have issues with delivery or visuals.	The video is unclear or disorganized, failing to effectively demonstrate the system's features and functionalities, leading to confusion. The presentation is unengaging, unprofessional, or poorly executed. The speaker is unclear or lacks confidence, and visuals or props are ineffective.		
					Total marks (100.0)		
					OUTPUT total marks (40%)		

SECJ 4134 FINAL YEAR PROJECT 2

RUBRIC : SHORT PAPER(EVALUATORS 5%)

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Technical Content	50	The paper provides exceptional technical content, including advanced concepts, tools, and techniques. It demonstrates a thorough understanding of the system and technologies.	The paper shows good technical content, covering essential concepts and tools. It provides a solid understanding of the system with some advanced details.	The paper includes basic technical content with fundamental concepts and tools. Understanding of the system is adequate but lacking in detail.	The paper provides minimal technical content, with limited coverage of concepts and tools. The understanding of the system is superficial or unclear.		
Clarity of Implementation	30	The paper provides a clear and detailed description of the software implementation with well-organized information, diagrams, and explanations. The process is easy to understand.	The paper describes the implementation clearly but may lack some detail or organization. Basic information and diagrams are provided but could be more comprehensive.	The paper provides a basic description of the implementation with limited clarity. Information and diagrams may be disorganized, making the process somewhat difficult to follow.	The paper provides an unclear or disorganized description of the implementation, lacking detail and coherence, making it hard to understand the process.		
Adherence to Guidelines	20	The paper adheres to all guidelines, including formatting, length, and citation style. It meets or exceeds all requirements with careful attention to detail.	The paper mostly adheres to guidelines with minor deviations in formatting, length, or citation style. It generally meets requirements with few errors.	The paper partially adheres to guidelines with several deviations in formatting, length, or citation style. Some requirements are not fully met.	The paper does not adhere to guidelines, with significant deviations in formatting, length, or citation style. Many requirements are not met.		
					Total marks (100.0)		
					SHORT PAPER total marks (5%)		

Criteria	Weight (%)	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Score	Comments
Technical Content	50	The paper provides exceptional technical content, including advanced concepts, tools, and techniques. It demonstrates a thorough understanding of the system and technologies.	The paper shows good technical content, covering essential concepts and tools. It provides a solid understanding of the system with some advanced details.	The paper includes basic technical content with fundamental concepts and tools. Understanding of the system is adequate but lacking in detail.	The paper provides minimal technical content, with limited coverage of concepts and tools. The understanding of the system is superficial or unclear.		
Clarity of Implementation	30	The paper provides a clear and detailed description of the software implementation with well-organized information, diagrams, and explanations. The process is easy to understand.	The paper describes the implementation clearly but may lack some detail or organization. Basic information and diagrams are provided but could be more comprehensive.	The paper provides a basic description of the implementation with limited clarity. Information and diagrams may be disorganized, making the process somewhat difficult to follow.	The paper provides an unclear or disorganized description of the implementation, lacking detail and coherence, making it hard to understand the process.		
Adherence to Guidelines	20	The paper adheres to all guidelines, including formatting, length, and citation style. It meets or exceeds all requirements with careful attention to detail.	The paper mostly adheres to guidelines with minor deviations in formatting, length, or citation style. It generally meets requirements with few errors.	The paper partially adheres to guidelines with several deviations in formatting, length, or citation style. Some requirements are not fully met.	The paper does not adhere to guidelines, with significant deviations in formatting, length, or citation style. Many requirements are not met.		
					Total marks (100.0)		
					SHORT PAPER total marks (5%)		