

FINAL PROJECT PRESENTATION 2024	
GROUP NAME	
DATE :	SCORE: /94

System Requirements rubric

Category	Criteria	Marks	Description	Comments
System Vision	Client Business Description	1	<ul style="list-style-type: none"> Clear, detailed description of client business, including industry, size, and daily processes. Well-defined description of the problem the system aims to solve. Comprehensive list of system functionalities addressing the problem. Clear description of both tangible and intangible benefits of the system. Clear description of subsystems and their functions. Comprehensive list and description of stakeholders in table format. 	
	Problem Description	2		
	System Capabilities	2		
	Business Benefits	2		
	System Functional Decomposition	2		
	Project Stakeholders	1		
System Functional Requirements	Use Case Brief Descriptions	3	<ul style="list-style-type: none"> Clear, detailed use case descriptions for all functional subsystems. Accurate use case diagrams for each subsystem, showing relevant actors. Detailed workflows of use cases showing the steps involved. Accurate sequence diagrams depicting message exchanges between user and system for each use case. 	
	Use Case Diagrams	3		
	Activity Diagrams (Workflows)	3		
	Sequence Diagrams	3		
System Object Classes	Class Diagram	6	<ul style="list-style-type: none"> Comprehensive UML class diagram with accurate object classes and their relationships. 	
Evidence of Information Gathering	Evidence Submitted	2	<ul style="list-style-type: none"> Quality and relevance of information gathering (e.g., interviews, surveys, observations). 	
	Overall Total	30		

System Design rubric

Category	Criteria	Marks	Description	Comments
Introduction	<ul style="list-style-type: none"> Purpose, Scope, Overview 	1	<ul style="list-style-type: none"> Clear explanation of the purpose, scope (including inclusions and exclusions), and overview of the document's contents. 	
System Architecture	<ul style="list-style-type: none"> High-Level System Architecture (Diagram) Hardware Architecture Software Architecture Network Architecture 	3 1 1 1	<ul style="list-style-type: none"> Accurate, clear depiction of the system architecture, including all key components. Clear description of hardware components and their relationships. Detailed description of software components and their interactions. Comprehensive description of the network infrastructure, communication devices, and configurations. 	
External Interfaces	<ul style="list-style-type: none"> Hardware Interfaces Software Interfaces Communications Interfaces System Security and Integrity Controls 	2 2 2 2	<ul style="list-style-type: none"> Clear explanation of hardware interfaces and related communication protocols. Well-defined software interfaces between system components. Detailed description of communication interfaces, network protocols, and data formats. Thorough design of system security and integrity controls. 	
Database Design	<ul style="list-style-type: none"> Data Requirements (Data Dictionary) Database Schema Database Physical Design Data Security 	2 2 2 2	<ul style="list-style-type: none"> Complete data dictionary with relevant fields. Accurate database schema with well-defined tables, fields, and relationships. Comprehensive description of data storage solutions, organization, and integrity mechanisms. Clear outline of security measures for protecting data. 	
User Interface Design	<ul style="list-style-type: none"> Detailed User Interface Design 	5	<ul style="list-style-type: none"> Well-designed user interfaces, including mockups and user experience considerations. User interface design principles well incorporated. 	
Application Components Design	<ul style="list-style-type: none"> Component Overview & Detailed Design 	2	<ul style="list-style-type: none"> Overview of application components and their detailed design, including purpose, data structures, and interactions. 	
Design Considerations	<ul style="list-style-type: none"> Performance, Scalability, Security, Usability, Dependability 	5	<ul style="list-style-type: none"> Explanation of how the design addresses performance, scalability, security, usability, and dependability. 	
Overall Total		35		

System Implementation rubric

Category	Criteria	Marks	Description	Comments
Introduction	Objective, Scope	1	Clear description of the system's purpose, goals, implemented parts, limitations, and future developments.	
Implementation Environment	Hardware Specifications Software and Tools Third-Party Libraries/Frameworks Version Control	2	Detailed description of hardware used for development, including servers and workstations. Comprehensive list of development tools, programming languages, and database systems used. Documentation of external libraries, frameworks, or APIs utilized in the project. Explanation of how the version control system was used during development.	
Implementation Approach	Methodology Phases of Implementation Division of Work	2	Description of the development methodology used, with justification for its choice. Breakdown of the implementation into clear phases or stages. Explanation of how work was divided among team members, if applicable.	
Coding and Development	Core Functionality, Modularization Code Structure Code Snippets/Examples	3	Overview of major features and functionalities implemented, including backend and frontend details. Explanation of how the system is modularized and how components interact. Overview of the code organization, naming conventions, and file structure. Inclusion of important code snippets demonstrating critical functionality.	
Database Implementation	Schema Implementation Queries and Procedures Data Management Backup and Recovery	4	Details about the database schema and any modifications made during implementation. Discussion of complex SQL queries and stored procedures implemented in the system. Explanation of data validation, storage, and retrieval handling. Description of backup and recovery mechanisms implemented for the database.	
Testing and Debugging	Unit Testing	3		

	Integration Testing User Testing/Acceptance Testing Bug Tracking		Outline of how individual components were tested during development. Description of testing the system as modules were combined. Details of end-user testing or acceptance criteria used. Explanation of bug tracking process, tools used, and a list of resolved issues.	
Security Considerations	Authentication and Authorization Data Protection Security Testing	3	Explanation of security measures for user authentication and access control. Description of how sensitive data is protected. Details of any security testing performed.	
Deployment	Deployment Plan Installation/Setup Instructions	2	Explanation of how the system was deployed or is intended to be deployed. Detailed steps for installing and configuring the system on a production server.	
User Manual and Documentation	User Guide Technical Documentation	3	Brief user manual for end-users explaining system navigation. Additional technical documentation needed for maintenance or further development.	
Future Enhancements	Pending Features and improvements	1	List of features planned but not implemented in this phase. Suggestions for areas of improvement identified during implementation.	
Conclusion	Summary of Implementation Phase	1	Summary highlighting major achievements, challenges, and solutions addressed during implementation.	
Overall Total		25		

Documentation professionalism

Category	Criteria	Marks	Description	Comments
Table of Contents	Inclusion and accuracy of the table of contents	2	A well-structured Table of Contents is provided, accurately reflecting the document's sections and page numbers.	
Clarity and Organization	Logical flow and clear structure of the document	2	The document is well-organized, easy to follow, and sections are logically connected.	
Language and Grammar	Grammar, spelling, and professional tone	2	Proper use of language, no spelling or grammar mistakes, and maintaining a professional tone.	
Formatting and Style	Consistency in formatting, headings, and font usage	2	Uniform formatting style, appropriate use of headings, fonts, and spacing for professional appearance.	
Total		8		

Presentation Skills (grading individual student)

Student Details 1	Category	Criteria	Marks	Comments
	Content Knowledge	Understanding of the topic	3	
	Delivery and Clarity	Speaking skills and clarity	3	
	Response to Questions	Ability to answer questions	3	
	Visual Aids and Engagement	Use of visual aids and engaging the audience	3	
	Total		12	

Student Details 2	Category	Criteria	Marks	Comments
	Content Knowledge	Understanding of the topic	3	
	Delivery and Clarity	Speaking skills and clarity	3	
	Response to Questions	Ability to answer questions	3	
	Visual Aids and Engagement	Use of visual aids and engaging the audience	3	
	Total		12	

Student Details 3				
	Category	Criteria	Marks	Comments
	Content Knowledge	Understanding of the topic	3	
	Delivery and Clarity	Speaking skills and clarity	3	
	Response to Questions	Ability to answer questions	3	
	Visual Aids and Engagement	Use of visual aids and engaging the audience	3	
	Total		12	

Student Details 4				
	Category	Criteria	Marks	Comments
	Content Knowledge	Understanding of the topic	3	
	Delivery and Clarity	Speaking skills and clarity	3	
	Response to Questions	Ability to answer questions	3	
	Visual Aids and Engagement	Use of visual aids and engaging the audience	3	
	Total		12	

Student Details 5				
	Category	Criteria	Marks	Comments
	Content Knowledge	Understanding of the topic	3	
	Delivery and Clarity	Speaking skills and clarity	3	
	Response to Questions	Ability to answer questions	3	
	Visual Aids and Engagement	Use of visual aids and engaging the audience	3	
	Total		12	