

Name

Design Phase

Description

Rubric Detail

Levels of Achievement

Criteria	Novice	Competent	Proficient
Introduction & Conclusion	0 to 1 points Poorly defined	2 to 3 points Good introduction and Conclusion	4 to 5 points Well written and clearly defined
Process Design UML activity diagrams : clarity and Completeness	0 to 4 points Poorly defined activities, missing or incomplete cases. representation of solution is poor.	5 to 7 points Activities are clearly defined. Minor omissions of cases. representation of solution is adequate .	7.5 to 10 points Well defined activities and use cases. A good representation of the solution
Process Design UML activity diagrams : Logic and Flow	0 to 0 points Lacks structure and is poorly constructed	1 to 3 points Flow of activities is defined, but lacks structure.	4 to 5 points Logical and Coherent flow of activities. Efficient utilization of control structures and decisions .
Process Design UML activity diagrams : Accuracy	0 to 4 points The UML Activity Diagram is inadequate and requires significant revisions to meet the criteria of process design	5 to 7 points The UML Activity Diagram displays solid process design, with minor areas for improvement or refinement	7.5 to 10 points The UML Activity Diagram demonstrates exceptional process design skills, meeting all criteria at an outstanding level.
GUI Design: Wireframes consistency Usability Feedback Responsiveness Aesthetics	0 to 10 points Poorly designed. Poor use of colors. Poor navigation. Inconsistent visual elements. Poor Interface elements. Needs significant revisions	11 to 20 points The design lacks cohesiveness and consistency. Minor elements are missing or need improvements	21 to 30 points The design is consistent, conforms to standards, Easy to Navigate, has appropriate use of visual elements (Colors, fonts, etc.), User friendly and Intuitive interface. Responsiveness and

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			adaptability across different screen sizes.
Database Design : ERD -Using UML notation	0 to 7 points Poor identification of entities and their relationships . Poorly identified keys and cardinalities.	8 to 12 points Entities and relationships adequately defined and identified . Cardinalities and keys adequately identified , but some key elements are missing.	13 to 20 points Clear identification of entities. Proper identification of Primary and foreign keys. Accurate representation of cardinality and participation of constraints
Database Design : Normalisation Data Dictionary	0 to 7 points Poorly defined functional dependencies, table structure lacks integrity. incorrect data types and naming conventions are inconsistent	8 to 12 points Adequately defined table structure and integrity . Adequate naming conventions and correct data types	13 to 20 points well defined table structure. conforms to referential integrity rules. well defined naming conventions and data types.

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