

ICT284 Systems Analysis and Design

Assignment 2 Marking Rubric

Student Name _____

Student Number _____

Date _____

The assignment will be reviewed as though it was a document forwarded to the business' management. Consequently, you will need to ensure that your materials reflect a high professional standard. The marks allocated for the Assignment will be allotted in terms of the percentages shown in the following table.

Part	Task	Marks
Q1	Stakeholders (5%)	0-5 Listed all the stakeholders for the proposed system, and in each case explained what their interest in the system is.
Q2	a) Functional (5%) b) Non-functional (5%)	a) 0-5 Listed and described all functional requirements for the system. b) 0-5 Addressed all the categories (URPS+): explained why any of the categories were considered irrelevant.
Q3	a) User Goal technique:(5%) b) Event Decomposition technique: (5%)	a) 0-5 The list is presented professionally in a table. It includes the participating actors, use case name and a brief use case description. Completeness of the list. Use case names and an informative brief description is provided. Provided a very specific and accurate as possible response. b) 0-5 Additional use cases for the system are identified and presented professionally in the table. The use cases are mostly temporal and state event types. The table includes the event, type of event, use case name, and brief use case description. No repetition of use cases in part (a). Completeness of the list.
Q4	Domain model class diagram (13%)	0-13 Created an effective and comprehensive diagram for the system, including all classes, attributes, associations, and multiplicity. Association classes and generalisation hierarchies are clearly depicted. Diagram is complete and concise; clear and readable; follows the correct notation and naming conventions and includes a title and legend. Clearly states assumptions where information is incomplete. Demonstrated an excellent understanding of all elements of the scenario.

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Q5	CRUD matrix (12%)	0-12 The matrix is set out in the form of a table with classes as the columns and use cases as the rows. No discrepancies between the models are present; consistent throughout. Table is complete and concise. Clear description and illustration of data modelling.
Q6	Fully developed use case description (10%)	0-10 Demonstrated an excellent understanding of all elements of the scenario, and follow the template provided at the end of this handout. Clear description and illustration of data modelling. Completeness of the template.
Q7	Activity diagram (10%)	0-10 Demonstrated an excellent understanding of all elements of the scenario, and a high level of independent thought and critical thinking. Clear description and illustration of data modelling. Diagram is complete and concise.
Q8	System Sequence Diagram (10%)	0-10 Completeness of the diagram. Clear description and illustration of data modelling.
Q9	State Machine Diagram (10%)	0-10 Completeness of the diagram. Clear description and illustration of data modelling.
Q10	User acceptance test plan (10%)	0-10 Completeness of the table. Demonstrated an excellent understanding of all elements of the scenario, and a high level of independent thought and critical thinking. Professionally presented the test plan in a table including the fields: use case name, test conditions, expected outcomes.
GENERAL Presentation (5%)		0-5 up to 5% may be deducted based on the following: Overall presentation and format of the document (Standard Font Size and Colour i.e. Arial/12, double line spacing, page number, separate sections, aligning paragraphs). Title page and table of contents. Good technical style, avoiding excessive jargon. Correct use of equations, footers and headers. few language errors, and issues such as grammar, spelling, sentence structure, fluency, and punctuation. Full acknowledgement of the work of others and correctly formatted reference section. Proofreading completed.
TOTAL MARKS		100