CSCC40 (Fall 2010)

Wael Aboulsaadat

Assignment 2 Marking

Marker:_____   **Team:**_____

Total Marks:_____/100

Marks for this assignment depend on the factors and criteria listed below.

A: Requirements Specification (40%) _____

A1. Problem identification.
How well have you researched the problem, and the organization you are dealing with; how well do you describe the alternative you have selected.
Marks: _____/10

* Synopsis of the problem:
( ) worst description in my pile   ( ) average   ( ) one of the best

* Description of the proposed alternative:
( ) worst description in my pile   ( ) average   ( ) one of the best

A2: Requirements Specification.
How complete, well-thought out and organized are the requirements for the new system?
Marks: _____/30

* Functional (software) requirements
( ) worst description in my pile   ( ) average   ( ) one of the best

* Non-functional requirements (performance, platform, interface, etc)
( ) worst description in my pile   ( ) average   ( ) one of the best

* Are the requirements numbered and well organized? Are they complete, consistent, unambiguous, traceable, etc.
( ) no   ( ) partially   ( ) yes

* Are data to be managed by the system described? System interfaces with other systems?
( ) worst description in my pile   ( ) average   ( ) one of the best

B: UML Diagrams (40%) _____
Figures, diagrams and discussion that lead the reader to believe that the requirements you have specified are complete and appropriate for the proposed system.
Value 40
marks: _____

B1. Use Case Diagrams.
marks: _____/10

* (Informal) Description of each Use Case Diagram.
( ) worst description in my pile   ( ) average   ( ) one of the best

* For each use case, there is a relevant entry in the data dictionary.
( ) yes   ( ) no

* Discussion of the diagrams and how they relate to the requirements.
( ) worst discussion in my pile   ( ) average   ( ) one of the best

* Quality of the diagrams (choose one).
( ) A- Poor selection - few if any Use Cases are appropriate.
( ) B- Some valid attempt has been made at identifying Use Cases. Perhaps some serious flaws or omissions.
( ) C- All high level Use Case description documented. Perhaps some are inappropriate.
( ) D- Some relevant expanded version of Use Cases included. Sensible structuring of Use Cases. Only minor errors.
( ) E- Exhaustive treatment of Use Cases. All relevant relationships have been captured.

B2. Class Diagrams.
marks: _____/15

* A relevant report derived from the data dictionary has been included.
( ) yes   ( ) partially   ( ) no

* Classes are fully consistent.
( ) yes   ( ) partially   ( ) no

* Adequate use of CL to define class invariants, also operation pre/post-conditions.
( ) yes   ( ) partially   ( ) no

* Quality of the class model (choose one).
( ) A- Poor selection - few if any classes are appropriate
( ) B- Some valid attempt has been made at identifying classes. Perhaps some serious flaws or omissions.
( ) C- Some sensible decisions documented. Perhaps some are inappropriate.
( ) D- Nearly all relevant decisions included and suitably justified. Any errors are minor.
( ) E- Exhaustive treatment of issues, fully consistent & imaginatively justified.

* (Informal) Description of Class Diagrams.
( ) worst description in my pile   ( ) average   ( ) one of the best

* Discussion of the diagrams and how they relate to the requirements.
( ) worst discussion in my pile   ( ) average   ( ) one of the best

* Quality of the diagrams (choose one).
( ) A- Little or no attempt to create them, or to structure them.
( ) B- Some valid attempt has been made at structuring. Perhaps some serious flaws or omissions.
( ) C- Some sensible structuring. Perhaps some essential structuring is inappropriate or missing.
    Some use of navigability, multiplicity, roles, etc.
( ) D- Nearly all structuring well designed. Navigability fully justified. Includes multiplicities,
    roles, etc.
( ) E- All relationship well structured. Consistent with case study, and imaginatively justified.

B3. Interaction and State Diagrams
marks: _____/15

* (Informal) Description of Interaction Diagrams.
( ) worst description in my pile   ( ) average   ( ) one of the best

* (Informal) Description of State Diagrams.
( ) worst description in my pile   ( ) average   ( ) one of the best

* Discussion of these artifacts and how they relate to the requirements
( ) worst discussion in my pile   ( ) average   ( ) one of the best

* Quality of the diagrams (choose one).
( ) A- Little or no attempt, or really does not understand the Interaction and State Diagram
    notation.
( ) B- Some valid attempt made, but only for obvious interactions, etc. Perhaps Use Cases are not
    well-thought out.
( ) C- Reasonable attempt. Perhaps some interactions/events are inappropriate or inconsistent.
    Use Case may not have been prepared with enough care.
( ) D- Sound & complete diagrams. Most interactions/events are appropriate and consistent with
    all other diagrams.
( ) E- Complete & imaginative, fully consistent with case study & justified by imaginative
    assumptions.

C. Report (10%) _____

Covers the overall structure of the report. This includes appendices that describe meetings, diagrams, data dictionary and other information on the preparation of the assignment.

Value 10 marks: _____

D. Presentation (10%) _____

This component of the marking scheme evaluates the style of your presentation, including language, grammar, clarity of the presentation, organization of appendices, etc.

Value 10 marks: _____

( ) worst presentation in my pile   ( ) average   ( ) one of the best