

Course: CSC340S
Term: Spring 2004
Instructor: John Mylopoulos

Assignment 1 **Marker:**

Team: _____

Total Marks: _____/100

I. Problem identification (20%): _____

How well have you researched the problem, and the organization you are dealing with by talking to people, reading documents, etc.?

Problem description - 10

☐ poor ☐ acceptable ☐ excellent

☐ problem/symptom description

☐ description of existing system

☐ organization description

Evidence of contact with people in the organization or reading documents - 5

☐ poor ☐ acceptable ☐ excellent

☐ interviews

☐ questionnaires

☐ sample forms/documents

How hard is your problem? - 5

(e.g., studying an existing system for a large organization is harder than studying the possibility of a new system for a small store)

☐ too small ☐ too large ☐ just right

[Note: As with Goldilocks and the Three Bears...]

II. Alternatives and criteria (15%): _____

Have you considered obvious/interesting alternatives? -- 5

☐ too few/obvious ☐ few, some interesting

☐ adequate number, interesting ones

How well defined are your criteria and how thorough is your evaluation? -- 5

☐ insufficient ☐ incomplete mix ☐ adequate mix

☐ operational feasibility

☐ technical feasibility

 economical feasibility

☐ cost/benefit analysis

☐ tangible benefits

☐ intangible benefits

☐ schedule feasibility

☐ risk assessment

Are your recommendations backed by appropriate evidence? Are they reasonable? -- 5

☐ loosely ☐ somewhat backed up ☐ well backed up

☐ Statement of recommendation

☐ Feasibility Analysis Matrix

III. Supporting evidence (15%): _____

The supporting evidence you include in terms of figures, tables, cost/benefit analysis etc. -- 10

☐ insufficient ☐ partially sufficient ☐ adequate

Organization of appendices -- 5

☐ poor ☐ acceptable ☐ good

IV. Diagrams (30%): _____

How complete and accurate are your goal diagrams in justifying the alternatives and the criteria you are proposing? -- 10

☐ insufficient ☐ partially sufficient ☐ good

How complete and accurate are your class diagrams describing the information needed for the alternative being recommended? -- 10

☐ insufficient ☐ partially sufficient ☐ good

How complete and accurate are your state diagrams describing the business processes that are assumed for the alternative that is being recommended? -- 10

☐ insufficient ☐ partially sufficient ☐ good

V. Presentation (20%): _____

Covers language, grammar, format, clarity, style, etc.

Language, grammar, spelling, format -- 10

☐ poor ☐ acceptable ☐ good

Style and clarity - 10

☐ poor ☐ acceptable ☐ good