

Information Systems Analysis and Design



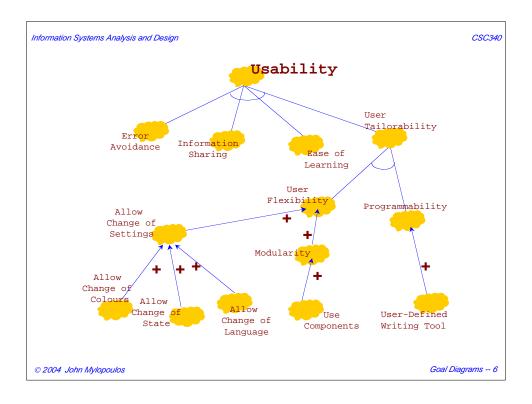
These are goals that are used as criteria for comparing alternative solutions for other goals.

E.g.,Higher profits[ProductionUnit3],
Better service, Satisfied customer,
User-friendly[Interface2]
Portable[Module4]

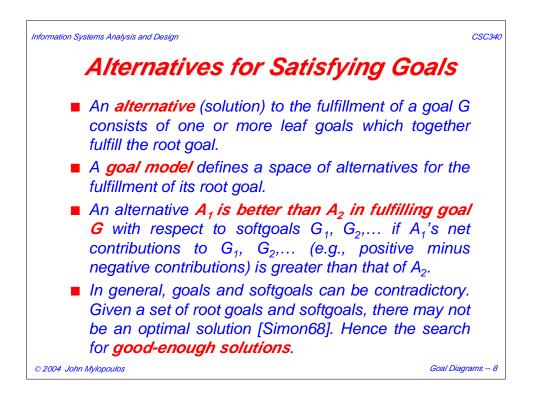
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Goal Diagrams -- 5

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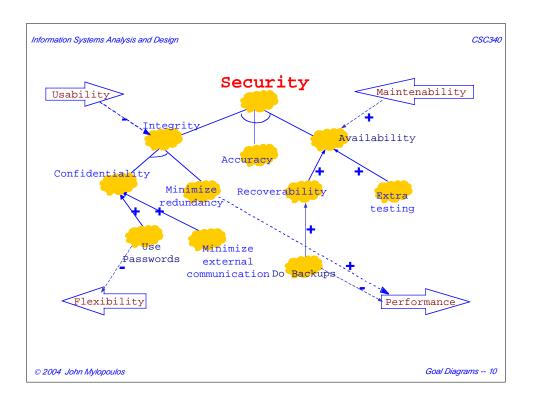




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Building Goal Diagrams

- Start from one or more goals and/or softgoals G₁, G₂, ..., G_n which need to be fulfilled together.
- Analyze each, looking for ways to fulfill it through ANDor OR-decompositions, or through other refinements which contribute positively (*How* questions).
- Continue this process until there is enough positive support to fulfill all root nodes. At this point you have n disconnected goal trees T(G₁), T(G₂),...,T(G_n).
- Identify positive and negative inter-tree influences, I.e., positive or negative relationships between goals g, g' which belong to different goal trees.
- Repeat the analysis to see if root goals are fulfilled; if so, done, else continue the analysis.
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