

## Confidence Profile Matrices

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### ABSTRACT

The paper outlines the features of a simple but effective tool that can be used to help assess the risks that may be faced when creating software systems, by creating confidence profiles with variable parameters for acceptable adequacy and feasibility.

Using these confidence profiles a company will be able to work out where there are unreasonable levels of risk in the creation of a software system while still in the requirements stage and make changes to their plans so they can avoid these problems before they arrive saving them both large amounts of time, and money. The variable parameters are introduced so a user can change their acceptance criteria of a confidence profile to give the project more or less leeway in the bounds of acceptable risk.

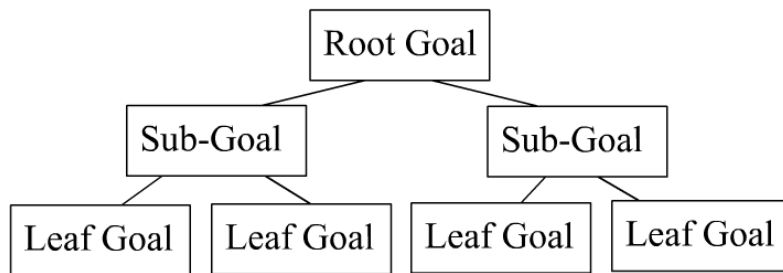


Figure 1: Example of a simple goal graph.

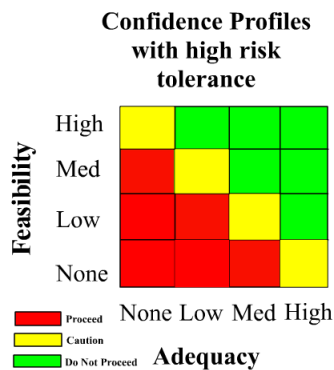


Figure 3: Example Confidence Profile with high risk tolerance.

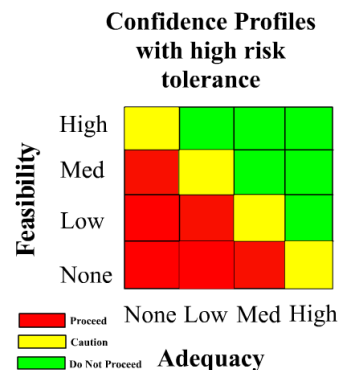


Figure 4: Example Confidence Profile with low risk tolerance.

A Wilkins, Confidence Profile Matrices, *Proc. 2016 School Conf. for Annual Research Projects*, University of Reading.