Abstract

Requirement Engineering says that “Requirements definition” is a careful assessment of the need that a system is to fulfill that must say why a system is based on current external market. A good analysis of the domain is extremely important for the success of the system that understanding the needs and motivations of stakeholders and analyzing the complex social relationship help in coming up with the correct requirement for the system. A requirement is a goal achievement is the responsibility of a single software agent assumption is a goal whose achievement is delegated to a single agent in the environment unlike requirements expectations cannot be enforced by the software to be satisfied to organizational regulations. Our research is integration of ERP modules requirement analysis is to identify with Goal model is used to provide the basis for detection and management conflicts capture variability in the problem domain through the use of alternative refinements and alternative assignment. The analysis result list of problems and deficiencies that can be precisely formulated and calculated risk using Tropos Goal layer.
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**Index Terms**

Computer Science  
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**Keywords**

Requirement Engineering, Tropos Model, Risk Analysis, ERP Integration, Genetic algorithm.