

A PROPOSED MODEL FOR ENHANCING THE SOFTWARE REQUIREMENTS VALIDATION PROCESS

Ramadan Moawad ,Saad, Yousra M

Abstract

Abstract "As good software requirements engineering process leads to good software analysis, design and coding, software requirements became a very important aspect for many software engineering researchers. Software requirements validation process plays the role of early testing for any software product. This paper proposes a new approach that merges between two existing approaches of software requirements validation. These two approaches are based on the natural language but they differ in the modeling of this natural language. The first approach builds conceptual models and these models are easy to be understood by both the analyst and the user. The second approach builds an assessing tool that tries to find the ambiguity problems in the requirements document and the two approaches try to make the requirements validation process easier. This paper reaches a proposed model that combines the two approaches and can improve the software requirements validation process and the paper presents the initial results for the proposed model.

The 22nd International Conference on Software & System Engineering and their Applications (ICSSEA 2010), December 2010, Paris-France. 2010, January