Abstract

Requirements play an important role in conformance of software quality, which is verified and validated through software testing. Requirements may have certain pre requisites which are to be tested first in order to start formal testing process. In this paper we present an approach to generate test case for testing software requirement pre requisites for GUI. Our approach takes pre requisites expressed in natural language and generates test cases from it. It also generates test case to expose the relationship between various components and elements present in prerequisites of GUI based windows forms.
Algorithm for generating test case for prerequisite of software requirement


Index Terms

Computer Science

Software Engineering
Algorithm for generating test case for prerequisite of software requirement

**Key words**

- Software testing
- Requirement
- prerequisite
- Test case generation