Abstract

An exact estimation is the key focus of any prediction model. Software quality is one of the basic research issues for software organizations. Of late, different uses of soft computing techniques have been endeavored. This has been conceivable due to the accessibility of informational collections of expansive a large number of finished projects. Among various soft computing techniques, Artificial Neural Network (ANN) based models are outstanding, which to a great degree needs more research work and tries to find the most sensible model for software quality in term of accuracy, evolvability, extensibility, sustainability, design stability, and configurability associated with the suitability of model.

This paper attempts to explore the performance of aspect-oriented quality modelling using artificial neural network technique. Software quality relies upon a few performance elements. Further, these elements are related to each other and influence the software development process and quality directly or indirectly.
References


Index Terms

Computer Science
Artificial Intelligence

Keywords

AOP, Aspect, AOSQ, Quality Model, ANN