An Effective Model of Effort Estimation for Cleanroom Software Development Approach

Abstract

The integration of mathematical modelling, proof of correctness and statistical software quality
assurance lead to extremely high-quality software. The integration was named as cleanroom software engineering. It proofs the correctness of the deliverables of each phase, instead of the classic analysis, design, code, test, and debug cycle, the cleanroom approach suggests a different point of view. Due to the evolution in development methodology there is a strong need of evolution in estimation models also. In this work, proposed the new cost estimation model. The evolved model is proposed for the new development methodologies and includes some more factors for estimation used in these new approaches.

References


Index Terms

Computer Science Software

Keywords

Cleanroom Software Engineering Cocomo Effort Estimation Cost Drivers Sdlc.