Abstract

Software Project Estimation is the process of computing the effort & cost required to develop software. Software cost estimation is one of the most important factor in software project management. This review paper provides a general overview of software cost estimation techniques using algorithmic and non-algorithmic model. The techniques such as COCOMO model, Putnam Model, Function-Point based Model, expert judgment, estimation by analogy, Parkinson's Law and pricing to win. Each estimation technique has its own pros and cons. Also, it provides overview of Hybrid Model. The main purpose of this paper is to explain all the existing techniques of software cost estimation. Actually, it is true that, only one
technique is not best for all conditions to generate the realistic estimates.

References

- "Software Cost Estimation" - Hareton Leung, Zhang Fan

Index Terms

Computer Science

Algorithms

Keywords
