Abstract

Software efforts estimation is tedious task for every software industry. Many software efforts estimation models are invented to make efforts estimation accurate. Unfortunately no model is suitable for all kind of software industries. This paper used Use Case method for efforts estimation for a small software company. For many projects we have not got good results. These papers modify Use Case Point and apply on same project of same company and we have got some better result. This paper modify the method Jorgensen has described 12 expert-based best practices, one of the best practices said that combine estimates from different experts and estimation strategies [2]. It is always suggested that we must use more than one method for estimation, but there is no model is exits which support this concept. This paper combines the Use Case point and COCOMO. We are predicting the Line of Code with the help of Use Cases. Use Case used in the method must be more specific not more generalized. More recently; the use of Use Cases for software effort estimation has gained wide popularity. Researchers from academia as well as industry have shown interest in the Use Case based approaches because of the promising results obtained along with their early applicability. A strong monitoring policy is always required to make estimation as a success. We have to make a check list with the date of completion and must follow the checklist. If work is not done on the time some necessary action must be taken to compensate the deviation [14].
Efforts Estimation by combining the Use Case Point and COCOMO

References

- Edward R Carroll: "Estimating Software Based on Use Case Points". Proceeding OOPSLA &apos;05 Companion to the 20th annual ACM SIGPLAN conference on Object-oriented programming, Systems, languages, and applications.
Efforts Estimation by combining the Use Case Point and COCOMO


**Index Terms**

Computer Science

Software Engineering

**Keywords**

KLOC (Kilo Line of Code)  UCP (Use Case Point)  FP (Function Point) these are all unit of software size. Software Efforts estimation

Person-month

Person-Hours these are units of efforts