

accurate than the Line of Code (LOC) based size estimation of software.

Accurately predicting the size of software has always troubled the software industry over the years. The work presented in this paper and by removing the assumption we made gives the point of reasons of becoming the Function Points a widely accepted as the standard metric for measuring software size. Function Points have made adequate software size estimation possible. Lastly it can be stated that understanding software size is the key to understanding both productivity and quality. Without a reliable sizing metric, relative changes in productivity or relative changes in quality cannot be calculated.

8. References

- [1] M. A. Al-Hajri, A. A. A. Ghani, M. S. Sulaiman, M. H. Selamat. "Modification of standard Function Point complexity weights system". *Journal of Systems and Software*, 2005, vol. 74, pp. 195-206.
- [2] C. J. Lokan. "An empirical analysis of function point adjustment factors". *Information and Software Technology*, 2000, vol. 42, pp. 649-659.
- [3] FU Ya-fang, LIU Xiao-dong, YANG Ren-nong, DU Yi-lin, LI Yan-jie. "A Software Size Estimation Method Based on Improved FPA". *Second WRI World Congress on Software Engineering*, 2010
- [4] Rajib Mall, "Software-Engineering", Version 2 CSE IIT, Karagpur.
- [5] David Longstreet, "Function Points Analysis Training Course", Longstreet Consulting Inc.
- [6] Kurmanadham V.V.G.B. Gollapudi, "Function Points or Lines of Code? – An Insight", Global Microsoft Business Unit, Wipro Technologies.