THE IMPACT OF COGNITIVE AND SOCIO-DEMOGRAPHIC FACTORS AT MEETINGS DURING SOFTWARE DEVELOPMENT PROCESS

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Abstract

Most of the important decisions are taken at team meetings during software development process (SDP) and the way of thinking of project leader plays an important role in achieving quality objectives at these team meetings. Considering this important issue, this paper investigates the impact of cognitive and socio-demographic factors on manager's simple thinking style towards improving the quality of team meetings in SDP. We have performed experimentations among Information and Communication Technologies' (ICT) senior professionals and managers from government and private sector organizations for this purpose. The hypotheses have been developed under different empirical categories and then statistical analysis techniques have been used to draw inferences. The results indicate that "type of team meetings", "project leader's cognitive characteristics" and "adoption of a cognitive model at team meetings" have statistically significant impact on manager's simple thinking in terms of improving productivity and contribution of team meetings.