Abstract

In the modern era, Global Software Development (GSD) has become a widespread trend in modern as well as in developing countries. Whereas, the failure velocity of GSD projects transpires that the project management in this context is not a straightforward process due to geographical, socio-cultural, temporal and organizational problems. Requirement Engineering (RE) is of utmost importance being the first action of SDLC, failure of which is the complete failure of the project. Global Software Development makes the Requirement Engineering more challenging due to cultural and geographical differences. This study explores the worth of project management in the RE process for Global Software Development. A two-phase framework is proposed for requirement engineering and then conducted a web as well as manual analysis and interviews of field experts to find out the validity of this proposed framework. Finally, the collected data is evaluated by utilizing the statistical gadget. Obtained outcomes show the noteworthy impact of the proposed framework in GSD environment. This paper can be helpful for practitioners and researchers for future exploration in the GSD field.
References


Index Terms

Computer Science

Software Engineering
Keywords

Global software development, requirements engineering, requirements engineering process