

FreGsd: A Framework for Global Software Requirement Engineering

Authors : Alsahli Abdulaziz Abdullah, Hameed Ullah Khan

Abstract : Software development nowadays is more and more using global ways of development instead of normal development environment where development occur in one location. This paper is aimed to propose a Requirement Engineering framework to support Global Software Development environment with regards to all requirement engineering activities from elicitation to finally managing requirement change. Global software environment is more and more gaining better reputation in software development with better quality is resulting from developing in this environment yet with lower cost. However, failure rate developing in this environment is high due to inappropriate requirement development and management. This paper will add to the software engineering development environments discipline and many developers in GSD will benefit from it.

Keywords : global software development environment, GSD, requirement engineering, FreGsd, computer engineering

Conference Title : ICSRD 2020 : International Conference on Scientific Research and Development

Conference Location : Chicago, United States

Conference Dates : December 12-13, 2020