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Abstract

This research aims to provide a deep understanding of how the how Agile Methodologies are applied to a Global Software Development environment. In addition, it tries to understand the advantages, disadvantages and solutions of Agile Global Software Development (AGSD) practices. In order to do so an embedded single case study was conducted gathering qualitative data with participatory observation and semi-structured interviews. The case studied the development phase of an implementation project driven by the service and support organization of one of the 10 largest software companies in the world. Two very large companies, located in three different regions (AMER, EMEA, APJ), with four time zones, implemented the project. The study discovered the usage of two new practices applied to AGSD: Sprint Kick-off meetings and Sprint Wrap-up meetings.

Keywords: SCRUM, Agile Methodologies, Global Software Development, Case Study, large organization, implementation project