Abstract

Requirement it’s most critical success or failure factor for system. Enterprise Resource Planning (ERP) one of famous enterprise system and many studies focus on define CSF of it to reduce failing cases of ERP implementation and negative factors affecting not only on implementing company but also on the ERP vendors.

Many papers have studied the CSF influence in ERP implementation but very little concern about requirement engineering (RE). This research will fill the gap by providing critical review and develop an approach in software system engineering framework by taking account feedback from stakeholders. This original approach is how to deal with ERP failure through a depth relation related to requirement engineering traceability to CSF in a system engineering view (SOS) based on ANSI EIA 632 standard.

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Index Terms

Computer Science  Software Engineering

Keywords

Enterprise resource planning; critical success factor; requirement engineering; collaboration engineering; standard EIA 632; System Of System.