

# Innovative Solution to Software Project Problems Using TRIZ

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## Abstract

Innovation in Business is not luxury but necessity even the most crucial driver for successful business is business Innovation. Especially in software development or software industries. The software business world growing very fast around the globe and software plays a vital role as well. In the case of information technology and global networking, the market demands not better but best services, competition even between small companies' moves to a global scale but there is no solid and proven method or tool that would help us to keep up to date with software business innovation. TRIZ helps us to make innovation around all the fields including software industries. The beauty of TRIZ Principles is that they can be independently applied and its mechanics are easy to learn and easy to apply, and can solve difficult problems. Many users start leaning with Inventive Principles. My learning on TRIZ also started with Inventive Principles. It is useful not only for solving technical problems but for business problems as well. This paper presents the corresponding effect of 40 principles and a basic process for solving software problems of Software companies using a combination of classical TRIZ and additional techniques to organize a systematic approach to all phases of the problem solving process. And finally discuss about the common problems of Software industries and after some process try to make easier.

Keyword : TRIZ, Software Quality, Software Engineering, quality of conformance, Information Technology problems, quality of design.