Abstract

Eliciting requirements is the most crucial part of software development. Deficient, ambiguous and worthless requirements are among the major causes of failure of any project. The process of requirement elicitation in Extreme Programming must include some systematic approach to simplify the process such that requirements elicitation may be carried out efficiently. As a part of this research, an algorithm has been developed for creating House of Quality matrix and an approach named “XP-QFD”, which integrates Extreme Programming (XP) and Quality Function Deployment (QFD), has been implemented in a small scale project that helps in delivering quality software by efficient prioritization of user stories and saving data in orderly manner for better decision making.
References


Index Terms

Computer Science
Software Engineering
Implementation of “XP-QFD” in a Small Scale Project

Keywords

- Disaggregation
- Extreme Programming
- House of Quality
- Quality Function
- Deployment
- Risk
- User
- Story
- XP-QFD.