A Case Study on Software Development Projects in Academic Knowledge Centers using SCRUM

Abstract

Software development processes are vital to the success of any software project. Traditional software methods have always been a choice in academic and industrial level around the globe. But nowadays agile methods are getting popularity in most of the software based companies. Agile methods are recent set of development techniques that apply human centered approach to software development. This would help fulfill the core objective of software development in academics. This would help to provide an effective space to students to work in team, interact with users, develop prototype, develop documentation and improve presentation skills. On the basis of a survey it was found that most of the academics projects are facing the problem of controlling and monitoring small projects and there is need to improve the project development in academics. On the basis of a case study using SCRUM method we have presented that, adopting agile methodology in academics based projects could help increase the quality of software projects and in increasing the awareness of agile methodology among the software stakeholders. The survey has shown that a highest percentage of people even don’t have knowledge about the agile methodology.
References


Index Terms

Computer Science	Software Engineering
Keywords
Agile Methods  Customer’s Satisfaction  Project Management  Academic Projects