

Review on Traditional and Agile Cost Estimation Success Factor in Software Development Project

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ABSTRACT

Software development project is one of the important areas in software engineering. Many researches have been conducted and looked into issues in software development project such as methodology used, costing, challenges, type of project and many more. However, the most crucial issues in software development project are costing. Moreover, current trend in software development project is adopting agile as methodology. Therefore, this paper aimed to discuss success factors that influence in traditional and agile cost estimation process for software development project. Literature survey is carried out from the past researches. Then, this paper presents the success factors that bring to the successful of traditional and agile cost estimation in software development project. Realisation these factors will help software development communities contribute positively to the success of traditional or agile cost estimation process in software development project.

KEYWORDS

Traditional, Project Management, Costing, Software Engineering, Methodology

1. INTRODUCTION

The crucial question in software development project is how to complete a project in specific time, budget and resources. In order to measure these three attributes are achieved, person who involved in estimation process especially project manager need to measure all requirements are considered and well-defined [2], [3], [4] added project schedule overrun is one of the main contributors to project failure. Proper and complete resource identification is needed in order to start estimation process. With consideration of all the requirements, the cost estimation process becomes easier and will produce accurate result. In common practices, cost estimation process is crucial

