ABSTRACT

Project management is a process that aims to complete certain objectives, help start, plan, implement, control, and complete projects by fulfilling requirements. According to PMI's Pulse of the Profession (2020) says the element that affects success and failure in a project is cost management. Cost management is a process that involves planning and control to achieve the efficiency and effectiveness of PMI's Pulse of the Profession (2020) researching that organizations that have a high level of maturity have a much better performance value when compared to organizations that have a low level of maturity.

The percentage of organizations with high project management maturity has not changed in the past six years. Then there needs to be an evaluation of the project's maturity level and how far the company is in implementing project cost management. In this study, the Project Management Maturity Model (PMMM) was chosen as the framework because according to M. A Wazed and Shamsuddin Ahmed (2009), the project management maturity model (PMMM) can integrate related aspects and contribute to cost and time management, and has referred on PMBOK (Project Management Body of Knowledge) standards so that the measurement method can be accounted for.

In this study, he also designed a website application called "Maturity Check" as a tool to assist the measurement process using the Scrum method. The results of this study found that the priority criteria are cost estimating at level 1, namely the initial process, where the company realizes the need for cost management to be applied but there are no established methods, practices, and standards.

Keywords: PMMM, *Maturity Model, Cost Management*, scrum