

ABSTRACT

EVALUATION OF TIME AND COST PERFORMANCE BY APPLYING EARNED VALUE METHOD TO PROJECT PERFORMANCE

(Case Study: Dharmais Cancer Hospital Construction Project)

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This study focuses on evaluating the performance of the Dharmais Cancer Hospital construction project which is expected to take 24 months or 720 calendar days, starting on October 11, 2022 and expected to be completed on September 29, 2024. The main purpose of this study is to assess the performance of the project from the aspect of duration, time, and cost control, and compare the achievement of the project with the initial plan that has been set until the end of implementation. Through analysis of time and cost performance related to the use of the value method, the results obtained will be used to determine and evaluate the results during the development project until its implementation is completed. The use of this method also aims to show the value of optimal results in project management, either the acceleration or delay of work on the planned schedule, as well as the amount of costs used during the project is implemented. This study highlights how the time set affects the total costs incurred and estimated during the project, so that it can be the development of insights in the implementation of the project in particular on the time and cost that will be used both in the management of similar projects or even projects with a large scale in the future.

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