

## **ABSTRACT**

Cost and Time Planning is an important part of overall construction project management. Apart from quality, the achievement of a project is also assessed in terms of cost and time required to complete a project. The costs that have been incurred and the time spent in completing the work must be measured and monitored continuously throughout the project period. The existence of significant deviations in cost and time from those specified in the schedule indicates that the project manager is a bad manager. With the existence of project performance indicators in terms of cost and time, it allows the manager to take preventive actions and control the project flow again so that project implementation goes according to plan. The dashboard design of this project was made using the Earned Value Method, based on field data obtained from observations and data from the company. The EVM method, which has input in the form of cost and time required, has output in the form of variance and estimation values that can be used to measure the performance of a project at a certain time. The data used in this research is the Draft Budget, Schedule and Job List, and the result of the research is a Universal Project Dashboard Template design that can be used by the general public to monitor and control the project. The author's dashboard design is implemented in the 4 Housing Unit Development Project in Bandung and can help Shareholders and project managers in the field in communicating and getting information on project developments in real time and without long and expensive training.

Keywords: Dashboard, Earned Value, CPI, Monitoring, Controlling