ABSTRACT

PT XYZ is one of the companies in Indonesia that is engaged in Information and Communication Technology (ICT) services and telecommunications networks. One of the projects at PT XYZ is the provision of electronic package services at Hotel Platinum Surabaya. There is no dashboard for project monitoring resulted in delays in the project. In overcoming problems in the project, this final project will design a dashboard using Google Studio to measure project performance using the Earned Value Management (EVM) method to facilitate monitoring project and evaluate the project so that corrective action can be taken on the project. This final project shows the occurrence of delays and the costs incurred are higher than those budgeted for the project in the 3rd week by obtaining calculations with SPI and CPI results of 0.99 and 0.98, respectively. Furthermore, an estimate is made to complete the project (EAC) with a value of Rp. 3,458,204,303, this value is greater than BAC. To complete the project, the TCPI value is 0.96 and the estimated completion of the project is in the 15th week, so it takes 1 week to add to the project. The results of this dashboard design were carried out by a user acceptance test shows that the dashboard can facilitate users and assist the work in monitoring and controlling the project.

***Keywords**: Dashboard, Google Studio, Earned Value Management, SPI, CPI.*