

ABSTRACT

The construction of College of Arts and Design Telkom Indonesia is one of a big plan for Telkom Education Foundation as the effort to fulfill Telkom's infrastructure for student's benefit as well as to improve the education field. So a comprehensive control effort is needed to prevent deviation implementation from the original plan, especially deviation in schedule. Control is one important step in project implementation.

The project control is divided into three aspects which are: quality aspect, schedule aspect and cost aspect. Based on the Earned Value method, evaluation is conducted in two aspects which are: schedule aspect and cost aspect. Earned Value is used to evaluate the deviation of work execution from one period to the next, so the deviation that occurred during project implementation can be detected and analyzed further. Evaluation is done by comparing the project planning with the actual project implementation on time aspect and estimated time of the project completion. the Project control process includes data of BCWS, BCWP, SV and SPI.

In project reporting system, a real time report is required to ease the reporting of project performance, information system is used as a tool in project reporting.

Keywords: earned value, scheduling, project management, project control, information system