

ABSTRACT

E-Learning Project is a project from X University which is intended to support teaching and learning activities. E-learning is a new project in X University. There is no experience regarding similar project which can cause the failure possibility greater. The e-Learning project should start in April 2018, but in the implementation it starts in October 2018. Even though for phase 1 until phase 4, will be completed in January 2020. Based on the data, e-Learning Project does not have any project guide as the guide to do this project. In order to minimize project delays, the baseline schedule is carried out by using a CPM (Critical Path Method) to calculate the total duration of the project related to any activities that include critical activities. When running the project, a monitoring and controlling process is carried out to see the performance of the project. Monitoring and controlling is done by comparing actual project activities to the baseline schedule using approaching Earned Value Management (EVM). Based on the results of the research in the 26th week, SV was obtained at -2,857,927,835 and SPI of 0.52 project proposals received Rp.2,857,927,835 and project performance was 52% of those which supported. the calculation, it also obtained an implementation time of 62 weeks so that the completion time was 129 weeks.

Keywords: Schedule Baseline, e-Learning, Critical Path Methode, Earned Value Management