

ABSTRACT

Project XYZ is a railway signal modification project for a single track to double track undertaken by PT X. Project management is the planning, monitoring, and controlling all aspects of a project to achieve the objectives of a project on time with cost, quality and performance of a specific and expected.

Monitoring and controlling project is a project control efforts are being made to reduce the deviation between project planning to the realization of project. In order for the exchange of control information can be done accurately and in real time, system designers have created a project performance reporting information.

The approach used in monitoring and controlling project performance, namely the concept of earned value approach, to control time and costs in an integrated project. The results of the project performance control can minimize the deviation between plan and realization as well as predicting the time and cost of finishing the project.

Keywords: project management, project control, monitoring and controlling, information systems, performance reporting, the concept of earned value.