

## ***ABSTRACT***

*In planning a development project, planning needs to be held so that the project can be completed on time. Planning must be carefully designed so that the project runs effectively and efficiently. Errors in planning can result in delays in working on the project, reduced quality or quality of the project, and increased costs of project implementation. Determination of the estimated time in planning must be precise by considering all the possibilities that can occur during the project implementation process in order to avoid delays in implementation. This study aims to determine the time needed to carry out or complete the project using the PERT method and find out the comparison between the existing schedule with rescheduling using the PERT method. From the results of calculations and analyzes that have been carried out using the PERT method and depicting the Network Diagram, the project completion time is 286 days. While on the project plan the implementation time schedule is 210 days for project completion, which means Probability T (d) project completion according to the target of 10.75%.*

**Keywords:** *Project Scheduling, PERT Method*

