

ABSTRACT

Project scheduling at Grand Riscon Rancaekek Housing often experiences delays. Grand Riscon Rancaekek produces subsidized and commercial houses of various types, with production commencing only after the sale and purchase agreement is finalized. These delays are caused by various factors, particularly in the fund disbursement process from banks. Grand Riscon Rancaekek, located at Jl. Raya Majalaya -- Rancaekek, Bojongloa, Rancaekek Subdistrict, Bandung Regency, West Java, has not implemented an appropriate scheduling method. As a result, project completion times frequently do not align with the standards set by the company. This research aims to compare the scheduling performed by the company with the Critical Path Method (CPM) to enhance time efficiency in the Grand Riscon Rancaekek housing project. The project completion time under the company's policy is 84 days, while applying the Critical Path Method (CPM) can shorten this time to 64 days. The implementation of the Critical Path Method (CPM) demonstrates effectiveness in identifying critical paths and optimizing resource allocation. This indicates that applying the Critical Path Method (CPM) is the right approach, as it can accelerate project completion times compared to the methods currently used by Grand Riscon Rancaekek Housing.

Keywords : ***Critical Path Method, Project Scheduling, Time Effectiveness***