

UNIVERSITAS INTERNASIONAL BATAM

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EVALUATION OF PROJECT SCHEDULING BY METHOD LINE OF BALANCE (LOB) (Case Study: Hotel Santika Batam)

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ABSTRACT

This study aimed to evaluate project scheduling using the Line of Balance method. The research discussion would include determining the duration of work using the Line of Balance method, comparing the duration of work with existing scheduling and identifying the advantages of project scheduling with the Line of Balance method.

The research data utilized scheduling from Santika Hotel Batam construction project. The project was located on Jl. Engku Putri No.9 Batam Center, Batam. The number of building floors was 10 floors. The value of the contract is greater than Rp. 25,000,000,000.

Based on the results of the study, it was concluded that Line of Balance scheduling requires a shorter work duration of 5 weeks compared to the duration of the existing scheduling. The use of scheduling Line of Balance has advantages in determining the time to start work arranged with each work package.

Keywords: *evaluation, scheduling, construction projects, Line of Balance*