ABSTRACT
Title : "Simulation Model Queuing On Terminal Block M TransJakarta Busway Using PHP "
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This thesis, discusses queuing theory widely applied in business, industry, transportation and daily activities of another. A queue can occur if the arrival rate greater than the level of service. In theory there are two queue model queue is a queue model of single-channel and multi-channel queuing model. First the single-channel queuing model there is only one service facilities, while in multi-channel queue more than one service facility.
In this thesis, the author will try to provide solutions to these problems by applying both models to the case of the model queue in Terminal Block M TransJakarta Busway to determine the operating characteristics of queuing models are made using simulation techniques or formulas queue. Where is the solution obtained will be compared to determine the level of service efficiency. In this study we concluded that the operating characteristics completion queue model using multi-channel model with simulation techniques is more complicated but more efficient.
References : 8, (1988 - 2005)