Improving the Performance of Requisition Document Online System for Royal Thai Army by Using Time Series Model

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Abstract : This research presents a forecasting method of requisition document demands for Military units by using Exponential Smoothing methods to analyze data. The data used in the forecast is an actual data requisition document of The Adjutant General Department. The results of the forecasting model to forecast the requisition of the document found that Holt–Winters' trend and seasonality method of $\alpha=0.1$, $\beta=0$, $\gamma=0$ is appropriate and matches for requisition of documents. In addition, the researcher has developed a requisition online system to improve the performance of requisition documents of The Adjutant General Department, and also ensuring that the operation can be checked.