

Evaluasi penerapan sistem just in time partnership dalam rangka mendukung lean supply chain di PT Dankos Farma = Evaluation of just in time partnership system to support lean supply chain in PT Dankos Farma

Vivi Agustin, author

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Abstrak

[ABSTRAK

Penelitian ini bertujuan untuk mengevaluasi penerapan Just In Time Partnership metode Kanban di sebuah perusahaan farmasi ABC Penerapan Kanban menurut manajemen perusahaan belum optimal sehingga perlu dilaksanakan evaluasi dampak penerapan metode Kanban di ABC dalam hal tingkat persediaan biaya pemenuhan order dan kualitas Selain itu akan diteliti faktor apa saja yang membuat penerapan Kanban belum optimal serta memberikan saran untuk mengoptimalkan penerapan Kanban Hasil penelitian menunjukkan penerapan Kanban berdampak positif pada penurunan persediaan dan penurunan biaya penyewaan gudang Pelaksanaan Kanban berdampak negatif pada kualitas terlihat dari peningkatan tolakan akibat semakin tingginya frekuensi pengiriman namun kualitas pasokan belum stabil Kanban memberikan dampak meningkatkan pemenuhan order jumlah pengiriman tepat waktu meningkat dan tidak adanya lagi pengiriman yang datang lebih awal dari jadwal Namun jumlah pengiriman terlambat juga bertambah akibat tidak lancarnya komunikasi dan problem pada pemasok Penerapan Kanban belum optimal karena persentase material Kanban sangat kecil sehingga tidak berdampak besar bagi penurunan persediaan Jumlah Kanban sulit bertambah karena belum stabilnya kualitas material pemasok tidak bersedia menambah item Kanban karena rendahnya akurasi forecast tingginya fluktuasi permintaan sehingga mempersulit pemasok mensuplai dengan lancar Perusahaan perlu meningkatkan akurasi forecast menurunkan fluktuasi permintaan Kanban dengan menurunkan tingkat line stop dan berkolaborasi dengan pemasok untuk meningkatkan kualitas.

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ABSTRACT

This research is aimed to evaluate the implementation of Just In Time Partnership using Kanban method on ABC a pharmaceutical company According to the company rsquo s management implementation of Kanban is not optimal so evaluation should be carried out to measuring the impact of Kanban implementation on the inventory levels costs order fulfillment and quality This research also examined factors that made the implementation of Kanban is not optimal and give advice to optimize it Kanban implementation showed a positive impact on inventory reduction and reduction on warehouse rental cost However implementation of Kanban has a negative impact on quality caused by significant growth on delivery frequency but the material quality was not stable Kanban also improve order fulfillment increase on time delivery and eliminate ealier delivery But late deliveries also increases due to communication problem and supplier delivery problem Kanban implementation is not optimal because the percentage of Kanban items compared with the total material items is still very few so is does not have a major impact on inventories reduction Total Kanban difficult to grow caused by material quality instability suppliers are unwilling to add items Kanban because low forecast accuracy the high demand fluctuations increase difficulties for vendors to supply smoothly Companies need to improve forecast accuracy decrease Kanban demand fluctuations by

lowering the level of the stop line and collaborate with suppliers to improve quality.;This research is aimed to evaluate the implementation of Just In Time Partnership using Kanban method on ABC a pharmaceutical company According to the company rsquo s management implementation of Kanban is not optimal so evaluation should be carried out to measuring the impact of Kanban implementation on the inventory levels costs order fulfillment and quality This research also examined factors that made the implementation of Kanban is not optimal and give advice to optimize it Kanban implementation showed a positive impact on inventory reduction and reduction on warehouse rental cost However implementation of Kanban has a negative impact on quality caused by significant growth on delivery frequency but the material quality was not stable Kanban also improve order fulfillment increase on time delivery and eliminate ealier delivery But late deliveries also increases due to communication problem and supplier delivery problem Kanban implementation is not optimal because the percentage of Kanban items compared with the total material items is still very few so is does not have a major impact on inventories reduction Total Kanban difficult to grow caused by material quality instability suppliers are unwilling to add items Kanban because low forecast accuracy the high demand fluctuations increase difficulties for vendors to supply smoothly Companies need to improve forecast accuracy decrease Kanban demand fluctuations by lowering the level of the stop line and collaborate with suppliers to improve quality., This research is aimed to evaluate the implementation of Just In Time Partnership using Kanban method on ABC a pharmaceutical company According to the company rsquo s management implementation of Kanban is not optimal so evaluation should be carried out to measuring the impact of Kanban implementation on the inventory levels costs order fulfillment and quality This research also examined factors that made the implementation of Kanban is not optimal and give advice to optimize it Kanban implementation showed a positive impact on inventory reduction and reduction on warehouse rental cost However implementation of Kanban has a negative impact on quality caused by significant growth on delivery frequency but the material quality was not stable Kanban also improve order fulfillment increase on time delivery and eliminate ealier delivery But late deliveries also increases due to communication problem and supplier delivery problem Kanban implementation is not optimal because the percentage of Kanban items compared with the total material items is still very few so is does not have a major impact on inventories reduction Total Kanban difficult to grow caused by material quality instability suppliers are unwilling to add items Kanban because low forecast accuracy the high demand fluctuations increase difficulties for vendors to supply smoothly Companies need to improve forecast accuracy decrease Kanban demand fluctuations by lowering the level of the stop line and collaborate with suppliers to improve quality.]