

ABSTRAK

ANALISIS KEMUNGKINAN PENERAPAN SISTEM *JUST IN TIME* PRODUKSI

Studi Kasus pada Kenji Martial Arts Shop

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Tujuan dari penelitian ini adalah untuk mengetahui apakah Kenji Martial Arts Shop memungkinkan untuk menerapkan sistem *Just In Time* pada sistem produksinya dengan cara membandingkan kondisi nyata perusahaan dengan syarat-syarat *Just In Time*.

Teknik pengumpulan data yang digunakan adalah wawancara dan dokumentasi. Teknik analisis data untuk menjawab rumusan masalah adalah dilakukan dengan membandingkan kondisi nyata perusahaan dengan syarat-syarat *Just In time* yang meliputi sepuluh syarat *Just In Time*.

Dari hasil penelitian dapat diketahui bahwa Kenji Martial Arts Shop sudah memenuhi empat syarat *Just in Time*. Sedangkan, berdasarkan pembahasan ada dua syarat *Just in Time* yang mungkin dipenuhi di masa mendatang. Oleh karena itu, berdasarkan analisis dan pembahasan dapat disimpulkan bahwa Kenji martial arts Shop tidak memungkinkan untuk menerapkan sistem *Just In Time* produksi. Hal ini dikarenakan perusahaan tidak dapat memenuhi empat syarat *Just In Time* lainnya, seperti layout pabrik, ukuran lot dan pengurangan waktu set up, sistem kanban, dan *statistical process control* dan perbaikan berkesinambungan.

ABSTRACT

AN ANALYSIS OF THE POSSIBILITY OF APPLYING PRODUCTION JUST IN TIME SYSTEM

A Case Study at Kenji Martial Arts Shop

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The purpose of this study was to determine whether Kenji Martial Arts Shop was possible to apply Just In Time in its production system by comparing the actual condition of the company and the requirements of Just in Time.

The data collection techniques used were interviews and documentation. The data analysis technique to answer the problem formulation was done by comparing the actual condition of the company and Just in Time terms requirements consisting of ten requirements of Just In Time.

From the analysis results, it could be seen that Kenji Martial Arts Shop had fulfilled four requirements of Just In Time. Meanwhile, there were two conditions based on the discussion of Just In Time that might be fulfilled in the future. Therefore, based on the analysis and discussion, it could be concluded that the Kenji Martial arts Shop was not possible to implement production Just In Time system. This was because the company could not fulfill four requirements of Just in Time, such as plant layout, lot size and set up time reduction, kanban systems, and statistical process control and continuous improvement.