

ABSTRAK

Kegiatan *Plant Maintenance* memiliki peran yang cukup penting di dalam proses berjalannya suatu perusahaan, terutama perusahaan yang bergerak dalam bidang tekstil. Dalam *Y Group* terdapat sebuah proses bisnis yang mengatur tentang kegiatan *Plant Maintenance* ini, mulai dari pembuatan pemberitahuan permintaan aktivitas *maintenance* (*maintenance notification*) atau rencana *maintenance* pada suatu *equipment* (*maintenance planning*), dilanjutkan ke pembuatan *maintenance order* sebagai kontrak pelaksanaan *maintenance*, pelaksanaan *order* hingga ke pengalokasian biaya yang dikeluarkan pada saat *maintenance order* dilaksanakan (*settlement order*). Tetapi kegiatan *Maintenance* di PT. M masih dilakukan manual tanpa ada sistem yang terkomputerisasi untuk menyimpan data – data kegiatan *maintenance*.

Berdasarkan hasil analisis, penulis membuat aplikasi berbasis *web* yang didasari dari proses bisnis *Plant Maintenance* dari *Y Group* untuk mendukung kegiatan *Plant Maintenance* di PT. M agar dapat meningkatkan efisiensi pelaksanaan *maintenance* yang sebelumnya masih dilakukan secara manual.

Kata Kunci : *Plant Maintenance*, Aplikasi Web, Proses Bisnis

ABSTRACT

Plant Maintenance has an important part in a company's activities, mainly in a company which runs in textile sector. Inside Y Group there lies a business process which organizes the Plant Maintenance, starts from the making of the maintenance notification or plans on equipment and proceeded with the making of maintenance order as the contract of the implementation of the maintenance, implementation of order until the fee that is expended during the maintenance order is carried out. But the maintenance activity in PT. M is still being carried out manually without a computerized system to store the maintenance activity's data.

Based on the analyses result, writer makes an web-based application which develop based on the Plant Maintenance business process from Y Group to support the Plant Maintenance activity in PT. M in order to increase the efficiency of maintenance implementation which done manually.

Keywords : Plant Maintenance, Web Application, Business Process

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