Abstract

Business process in the maintenance section of Lapindo Brantas, Inc., consist of Work Request, Failure Report & Work Order, was applied by paper based & without any integration system. The paper based/manual way spent so much space at the office & was not efficient.

Such problem makes the company in needs of integrated asset management application. Thus the business process developed into application named INTRAMAS (Integrated Asset Management System) in this final project, as an implementation of Enterprise Asset Management (EAM) to form a Computerized Maintenance Management System (CMMS). INTRAMAS development process in this final project is started with literature studies, then inception phase, elaboration phase, construction phase, and transition phase. INTRAMAS is created web based & integrated with database thus can provide dynamic & up to date informations.

The result of this Final Project is a further developed INTRAMAS, which consist of Work Request Module, Failure Report Module, Work Order Module, Performance Module & Administrator Module.

Key Words: EAM, CMMS, INTRAMAS, KPI.