

**BINUS INTERNATIONAL
BINUS UNIVERSITY**

Major Computer Science
Streaming Networking
Sarjana Komputer Thesis
Semester Even 2010/2011 (Completion Period)

THESIS TITLE:

**ERP System Design and Implementation
For
PT. Cipta Uni Jasa**

Perkasa Farichin Maulana 1100051261

Abstract

The competition in insurance broking industry has become fiercer over the year. PT. Cipta Uni Jasa realized that their lack of advancement in technology hinder their ability to compete with their preceding competitors. The objective of this thesis is to design and implement ERP (Enterprise Resource Planning) system for PT. Cipta Uni Jasa to solve their business problem.

In order to develop an ERP system, the author use research study through e-journal, books, e-book and internet about DBMS. The author also perform interview with the employee of PT. Cipta Uni Jasa to gain better insight of the problem in the current system that hinder their business process.

The result of implementation for the ERP system is seen by meeting the requirement of business process for each of the departments and tested to be functional without bugs or errors. The developed ERP system able to solve the company's problems and finished within the project time plan.

The implementation of ERP system in PT. Cipta Uni Jasa proves to be complimentary solution to improve the business process of marketing, finance and claim department. By the usage of the ERP system it eliminates certain problem factor such as time constraint and inaccurate data record due to the capability of database integration.

Key words: Enterprise Resource Planning System, Database Management System, Relational Database.