

STUDY AND DEVELOP MINI ERP SOFTWARE AND IMPLEMENT IN DISTRIBUTED ENVIRONMENT

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ABSTRACT

This project addresses issues on implementation of ERP (Enterprise Resource Planning) software in a distributed environment. The aim of this project is to do a research about literature of ERP software and subsequently investigate useful Java enterprise technology that could apply in ERP. The basic ideal of ERP software in industry term donate a broad set of activities supported by multi-modules application software that helps a manufacturer or other businesses to manage the important parts of its daily operations. During investigation, it was found that the basic functions of ERP software are purchasing and accounting. Currently, most of the ERP software available in the market is integrated with CRM, and MRP software. The core idea of distributed transaction distributing the task to implement in several departments in an organization. The best illustration of distributed transaction is three tiers client and server network. That is, client side system bundle only GUI interface, middle tier bundle all business logic and the database server as a back-end server. These designs have the advantages of hiding the business logic in middle tier server. Users are not easy to track company business logic and when some changes in need, developers just need to update in middle tier server. They don't need to reinstall the program in client site.