DESIGN CONSOLIDATION MODEL LOGISTIC MATERIAL SHIPYARD INDUSTRY BY UTILIZING WEB TECHNOLOGY

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ABSTRACT

Material cost is one of component to create most expensive in shipyard industry. A very urgent need to minimize material cost is the urgent thing. Consolidation between shipyard to increase order number to get higher discount is one possible option to do. System which is connected by share information database between shipyard which utilizes web technology so that it can not change shipyard order system significantly.

The web is bridge to connect orders from shipyard so that it can create the consolidation. Web user is consisting of two type, shipyard and supplier. Both user type will have their authorization about supplying modules of each companies suitable with character of shipyard industry.

This web program uses php program and data base MySQL. Web can be accessed via internet. The existence of consolidation system with calculation need in 18 times of delivery can reduce material cost for 2%.

Key words : logistic, purchase consolidation, supply process, information system, web.