DESIGN STRUCTURE OF CONTRACTOR INFORMATION SYSTEM

CASE STUDY PT CIKAL KUMALA

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Abstract

The use of information systems to manage information on the management of the construction contractor is a matter that is rarely done by the contractor. This is due to various factors such as the contractor not fully trusting implementation of information technology in the process of manually cut into IT-based, it is possible to occur but are rare. Contractor company prefer to select the operating performance of the manually if been viewed in terms of cost and risk will be relatively bigger.

To realize it required a process of making software that is built using web-based application. The processes of the literature study is done, the settlement of the initial stage (inception), the expansion (elaboration), the construction phase (construction), and phase transition (transition) by using standard software documentation ReadySET. Modules which include the management of Projects, Construction Site, Manpower, External Participants, Equipment, Activities, Materials, accidents, Progress, Headquarter Orders.

There use of an information system contractors who can bridge the communication and information are expected to help PT.Cikal Kumala in the form of minimizing the time and cost advantages can also be withdrawn against competitors that can be offered.

Key Words: Design structure, Information System, Contractor, ReadySET