ABSTRACT

The most important thing in project management are passing a working project tender struggling and executing it at best. To do it, a contractor has to produce time schedule of project execution as short as possible and manage cost of the project as cheap as possible but it is realistic in implementation.

To make it real, it has need of a system that integrates the necessities of raw materials, work forces, and equipments in structured database with process that support it.

The results of this research is a computer applicative program within integrated capability in tabulation of data of raw material, work force, and equipments that will be processed to determine the critical path, total cost, and the allocation of them in a project. And as the prime results of the tabulation of the data are information about the cost of new project that will be bargained, the development of the project that have been processed and the allocation of usage of raw materials, work forces, and equipments.

Key words: contractor, management, project, database, and decision support system
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