Abstract

Project resource's scheduling is a part of project plan. Optimizing in this scheduling is leveling resource to minimize fluctuation resource uses along project duration

This process is executed by moving every activities which has total float. Total float from an activity that can be assumed by quantity of activities possibility that can be moved. If schedule of a project has a lot of total float activities, then combination of activities movement will have a lot of schedule.

Genetic algorithm is an algorithm which using the probabilistic rules. So it can be used to solve problems which has some solution and to find out an optimal solution.

Keyword: *Algoritma genetik, perataan sumber daya, Genetic Algorithm, resource leveling.*