Abstract

This research work handles Software project scheduling problem with a hybrid approach. In this, a hybrid approach can handle combination of two different algorithms they are Event Based Scheduler (EBS) and Ant Colony Optimization (ACO). Which provide scheduling and also allocate the resources based on the project. The basic idea of the EBS is to adjust the allocation of employees at events and keep the allocation unchanged at non-events. ACO is to assign the project tasks to suitable employees with required skills.

References

- K. Chang and M. Christensen, "A net practice for software project
- Wei-neng and Chen and Jun Zhang, "Ant Colony Optimization for Software Project Scheduling and Staffing with an Event-Based Scheduler." 

**Index Terms**

Computer Science  
Software Engineering

**Keywords**

Event Based Scheduler (EBS)  
Software project planning  
Snap Scheduler  
Ant Colony Optimization (ACO)