

**ABSTRACT**

Various embodiments concern a method for scheduling job requests in an application layer or terminal device of a computer system, comprising the steps of: accessing a first queue storing a job request; determining if the job request in the first queue can be dispatched within a first pre-determined time, wherein if the job request is determined to be dispatchable within the first pre-determined time; determining if the job request that is dispatchable can be executed based on a system resource parameter; and dispatching the job request if the job request that is dispatchable is determined to be capable of being completed based on the system resource parameter.

FIG. 1