ABSTRACT

The cloud is a major form of computing which is growing rapidly nowadays and most of the computing is shifting to that environment. Cloud computing environments facilitate applications by providing virtualized resources that can be provisioned dynamically. However, users are charged on a pay-per-use basis. User applications may incur large data retrieval and execution costs when they are scheduled taking into account only the 'execution time'. In addition to optimizing execution time, the cost arising from data transfers between resources as well as execution costs must also be taken into account. If we consider the cloud, the scheduling algorithms play a vital role in it. Our project mainly deals with scheduling area of the given problem. The scheduling algorithms are receiving much more importance, These algorithms were minimally optimized till now and now days they are being researched into very deeply. The scope of this project is very vast and can be taken for further development. Scheduling is the beginning process of the cloud computing, proper scheduling can lead to effective utilization of the cloud computing environment, exploiting the maximum computation power of the resources. This domain also helps the user economically by providing financially feasible solutions.