Report on ITM

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Year/Semester: III-I

Course: Operating Systems

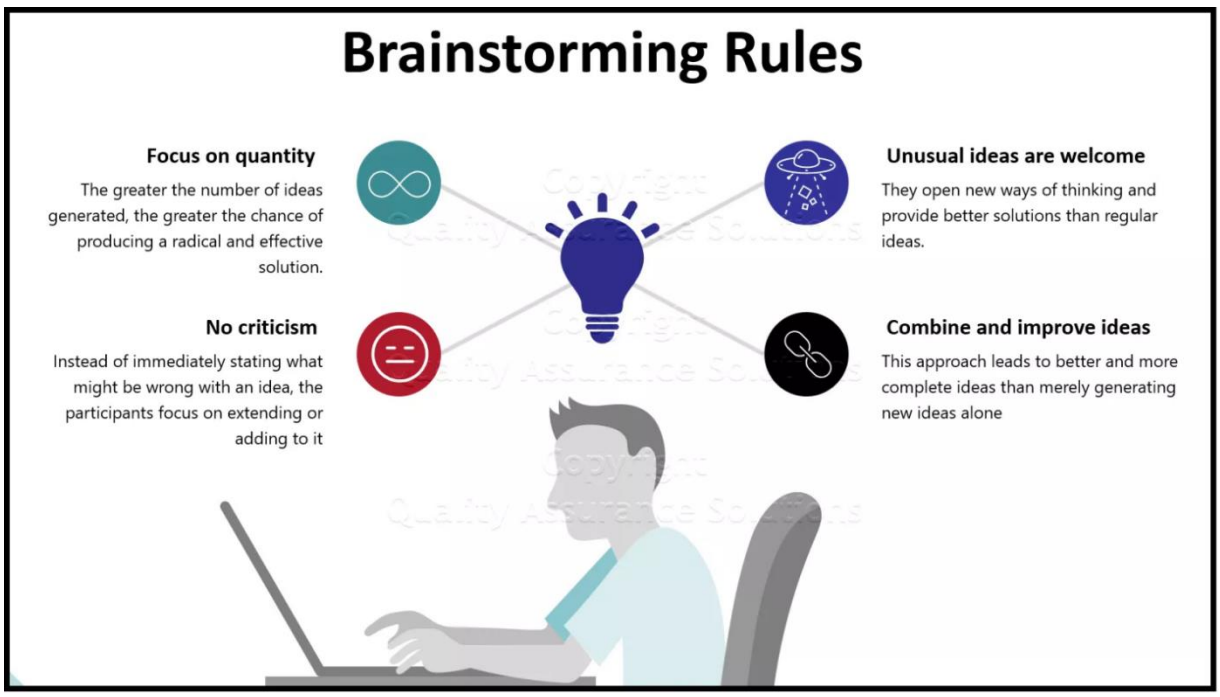
Adopted Teaching Methodology: Brain Storming

Date: 12-12-22

Topic: Scheduling Algorithms

Description:

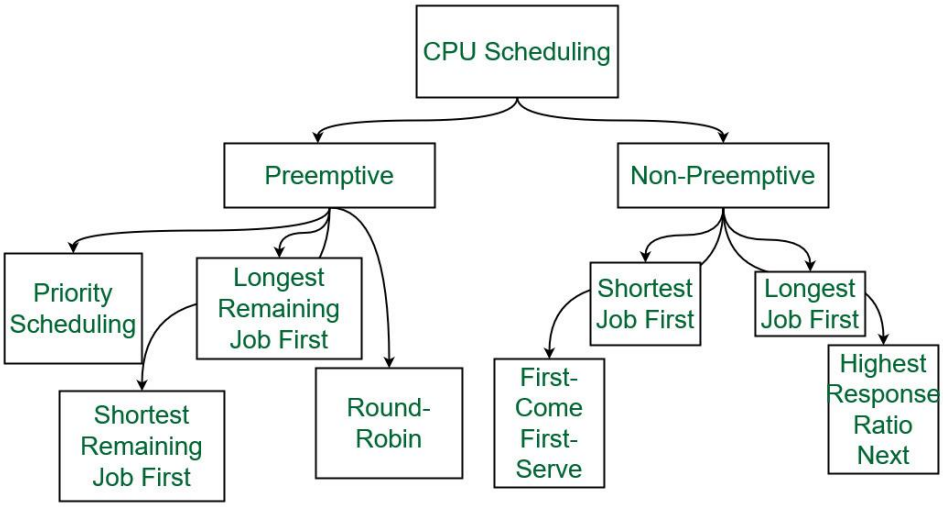
Brainstorms typically have three steps: idea capture, discussion and critique, and selection. The following strategies will help you and your team, whether you're in person or remote, through all three stages.



What are the different types of CPU Scheduling Algorithms?

There are mainly two types of scheduling methods:

- Preemptive Scheduling: Preemptive scheduling is used when a process switches from running state to ready state or from the waiting state to the ready state.
- Non-Preemptive Scheduling: Non-Preemptive scheduling is used when a process terminates, or when a process switches from running state to waiting state.


CPU Scheduling
Preemptive
Non-Preemptive
Priority Scheduling
Longest Remaining Job First
Shortest Remaining Job First
Round-Robin
Shortest Job First
Longest Job First
First-Come First-Serve
Highest Response Ratio Next