Project proposal-Scheduling algorithm

Group No: 13

Group Name: GuideSpark

Group Members:

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Scheduling Algorithm we are going to implement

Shortest remaining time next

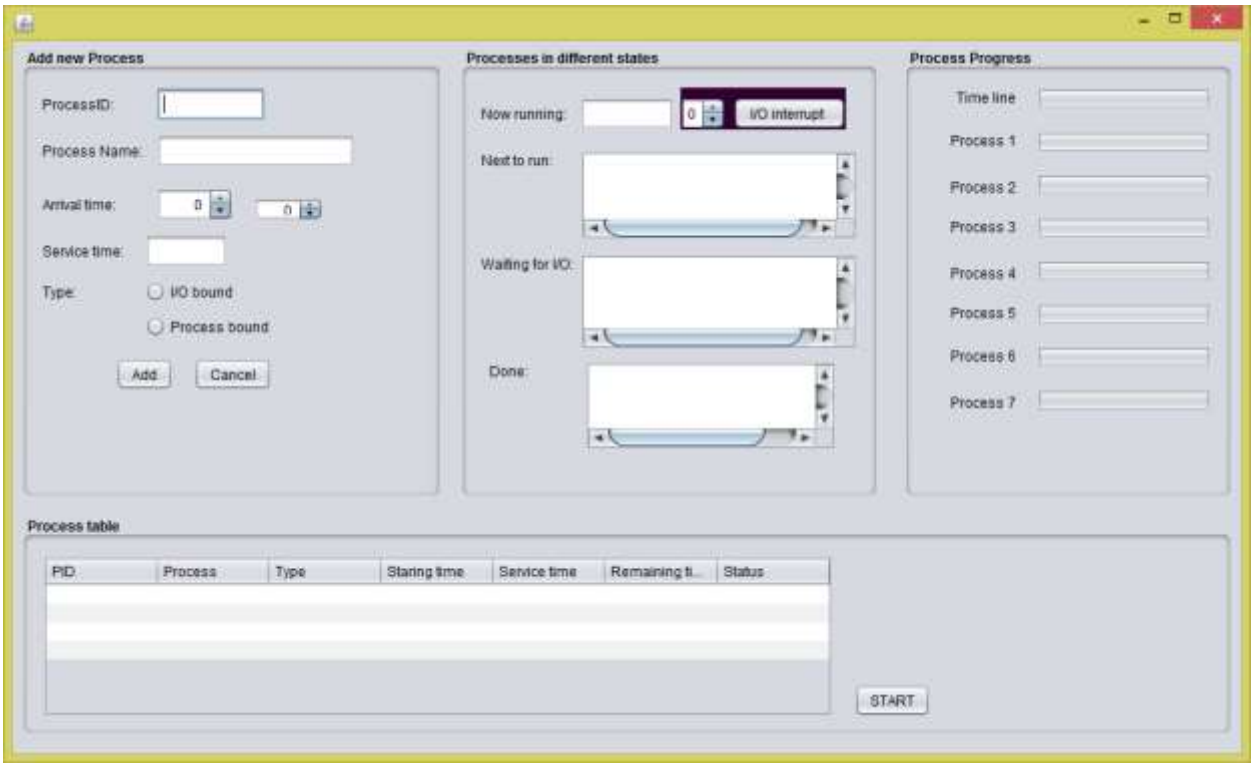
We are going to implement and show how this preemptive scheduling algorithm by a user friendly GUI.
What is in our mind can be given as the following GUI.

Tasks divided among members

- Identifying the needed tools- 130217B,130045U
- Designing the basic algorithm-all 5 members
- Depending on the way implemented, identifying data structures needed-130645J,130217B,130121B
- Creating the GUI needed-130610A,130645J
- Coding the algorithm-130121B,130045U,130610A

The language we are going to use

Java(IDE-Netbeans)


Add new Process
ProcessID:
Process Name:
Arrival time:
Service time:
Type:
I/O bound
Process bound
Add
Cancel
Processes in different states
Now running:
I/O interrupt
Next to run:
Waiting for I/O:
Done:
Process Progress
Time line
Process 1
Process 2
Process 3
Process 4
Process 5
Process 6
Process 7
Process table
PID
Process
Type
Staring time
Service time
Remaining ti...
Status
START