***EDF Scheduler:***

***Application, table

Description automatically generated***

*Verify all tasks are schedulable using time demand analysis method:*

Task 1 :

W(1) = 3 + 0 = 3

W(2) = 3 + 0 = 3

W(3) = 3 + 0 = 3

W(4) = 3 + 0 = 3

W(5) = 3 + 0 = 3

W(5) < 5 task 1 : is schedulable

Task 2 :

W(1) = (1/5)\*3 + 3.3 = 6.3

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.

W(6)= (6/5)\*3+3.3 = 9.3

.

.

W(11) = (11/5)\*3 + 3.3 = 12.3

.

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W(15) = (15/5)\*3+3.3 = 12.3

Application, table, Excel

Description automatically generatedW(15) < 15 task 2 : is schedulableGraphical user interface, application

Description automatically generated

Table

Description automatically generated with low confidence