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Parsing input file...

Number of jobs: 8, Number of machines: 3

Finished parsing input file.

Calculating schedule for stage 2 with full decoding procedure...

Schedule calculated. Makespan: 56

[SCHEDULE] Generating detailed timeline for Best Schedule (Gantt)

Job Op Machine Start End Duration

J5 O1 M3 0 10 10

J1 O1 M1 0 15 15

J6 O2 M2 0 7 7

J6 O1 M2 7 14 7

J8 O1 M3 10 18 8

J2 O1 M2 14 26 12

J2 O2 M1 15 31 16

J1 O2 M3 18 27 9

J4 O1 M2 26 50 24

J3 O2 M3 27 42 15

J3 O1 M1 31 48 17

J5 O2 M3 42 52 10

J7 O1 M1 48 54 6

J4 O2 M2 50 56 6

Generating Gantt Chart...

c:\Users\Dan\Desktop\An2\Sem2+Disertatie\Disertatie\CodExplicatii\2SGA.py:362: MatplotlibDeprecationWarning: The get\_cmap function was deprecated in Matplotlib 3.7 and will be removed in 3.11. Use ``matplotlib.colormaps[name]`` or ``matplotlib.colormaps.get\_cmap()`` or ``pyplot.get\_cmap()`` instead.

colors = plt.cm.get\_cmap('tab20', 20).colors # Get a color palette with 20 unique colors

Gantt Chart generated.

Final Results:

Makespans: [59, 60, 65, 63, 62, 59, 56, 62, 62, 59, 61, 61, 57, 61, 60, 56, 58, 58, 61, 62, 58, 62, 61, 60, 56, 64, 61, 59, 61, 61]

Min: 56, Avg: 60.17, Max: 65

Execution time: 460.29 seconds