

**ROLLs: 2103139, 2103144, 2103154, 2103155, 2103173, 2103176**

**Checklist:**

<b>Weights →</b>	<b>Must Include (7 x 10 = 70%)</b>	<b>Good to have (4 x 5 = 20%)</b>	<b>Bonus (4 x 2.5 = 10%)</b>
<b>Memory Manager</b>	<input checked="" type="checkbox"/> Stack, Heap allocation	<input checked="" type="checkbox"/> Stack deallocation <input checked="" type="checkbox"/> Heap deallocation	<input type="checkbox"/> Optimized memory allocation
<b>Process Manager</b>	<input checked="" type="checkbox"/> Process table <input checked="" type="checkbox"/> Process creation <input checked="" type="checkbox"/> State transition <input checked="" type="checkbox"/> Process termination	<input checked="" type="checkbox"/> Utility functions to get process specific functions	<input type="checkbox"/> Add more states <input type="checkbox"/> Inter-process communication (IPC)
<b>Scheduler</b>	<input checked="" type="checkbox"/> Clear policy to schedule <input checked="" type="checkbox"/> Context switch	<input checked="" type="checkbox"/> Configurable time quantum	<input type="checkbox"/> Implement Aging

