Memory Manager

- ☑ Stack, Heap allocation
- ☑ Stack deallocation
- ☑ Optimized memory allocation

Process Manager

- ☑ Process table
- ☑ Process creation
- ☑ State transition
- ☑ Process termination
- ☑ Utility functions to get process specific functions
- ☑ Add more states
- ☑ Inter-process communication (IPC)

Scheduler

- ☑ Clear policy to schedule
- ☑ Context switch
- ☑ Configurable time quantum
- ☑ Implement Aging