

Memory Manager

- ☒ Stack, Heap allocation
- ☒ Stack deallocation
- ☒ Heap 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