**Project 3 Readme**

**Names: Jasmin Husidic**

**Self-Assessment:**

Please fill in the following table to the best of your ability. Place an X in one of the 4 columns for each item that most accurately reflects your progress.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Total Points Possible | Finished | Almost finished, some problems | Some attempt, not close to finished | No attempt |
| /proc/remember works | 5 | x |  |  |  |
| /proc/penguin: kthread function processes job | 10 | x |  |  |  |
| /proc/penguin: write function puts jobs on the queue | 10 | x |  |  |  |
| /proc/penguin: all 3 global variables always protected with mutex locks in the kthread function, read function, and write function. (If you make more global variables, they also must be protected.) | 10 | x |  |  |  |
| This readme is completed | 5 | x |  |  |  |

Please **explain** the items above that were not marked as finished.

Do you want me to check for the **+5 bonus extra credit**? Note, only say yes if the following is true:

* I believe I have 100% working code and “finished” is checked in the table above for all items, including mutexes.
* My kitchen thread does take the 1 second sleep penalty when looking in any queue position.

Answer: Yes / No

**Yes, I believe my code is working properly. I did not implement any custom scheduling algoritim, but it is worth a shot.**

**What challenges did you encounter along the way?**

A challenge that I had was knowing where to implement the mutexes. There were times where I would put it in the wrong spot, and my program would not run at all, or the threads would start interfereing with each other. The counts would be way off, and I would not understand what the problem was. I would go back and just start re-doing my code that was probably fine to begin with just to realize later what the actual problem was. There were times when I would try to remove the module, and it seemed that the entire terminal would freeze, and I would have to restart the entire virtual machine.

**What sources did you use to complete your project?**

I mainly used the panopto lectures to figure out what to do. Every once in a while I would used stack overflow to figure out basic syntax questions that related to C.

**What percentage of work should be allocated to each partner?** (Only answer if in partnership.)