ESTIMATE of time to complete lab: 12 hours

Date	Start Time	Time Spent	Lab Part	Work completed
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10/07	11:00	2	1&2	Went over threads and mutex lock
10/11	17:30	1	1&2	Met with Keaton to discuss important points to Lab-4
10/13	19:00	3	1	Completed functions thread_create and thread_join
10/14	13:00	2.5	1&2	Partly finished thread_exit, went over mutex lock
10/21	12:00	1.5	2	Finished mutex lock
10/24	17:30	1	1&2	Met with Keaton, went over final results for Lab-4
10/24	21:00	1.5	2	Attempted to figure out sleep/wake up issues in our mutex lock functions
10/25	20:00	1	1&2	Completed rest of files for submission

13:30 TOTAL time spent

A brief discussion of the major difficulties encountered

Some of the major difficulties I encountered were in thread_exit and mutex lock functions. In thread_exit I was unable to exit without deallocating the page table of the entire process. It wasn't until I met up with Keaton again that he suggested to comment out the close all open files for loop as well as begin_op and end_op. In the mutex lock I found it difficult to acquire and release the lock properly. Wasn't sure how to implement the sleep(1) suggestion in the lab pdf. In the end we ended solving all of our issues the code runs well.