Spring 2025 Operating Systems

CSSE 332 -- OPERATING SYSTEMS

The Readers/Writer Problem

	Name:
the world (5 points) For the readers/writers problem initially presented, describe the state of the concurrency state). Make sure to provide a description of each state variables type and default value .
ditions for avoid unnec	5 points) Based on your answer to the first question, write down the waiting conteach of the readers and the writers threads. Feel free to write it in pseudo-code to cessary clutter due to pthreads syntax. Inditions for the readers thread:
Waiting co	nditions for the writers thread:

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writers' star- changes to the	points) Briefly explain the changes that would need to be made to address vation problem discussed in the previous question. Make sure to mention release concurrency state and/or the waiting conditions.
Solution to i	the starvation problem:
Updates to t	he state of the world:
Updates to t	he waiting conditions:
- <i>I</i>	

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