HW5 part 3

Monday, November 16, 2020 8:58 PM

Part J.

A. Remvite W Locks

	Τ,	Tz	73	_
L, (B)	R, (A)			
	ω, (A) υ, (A)			
	च् १८०)		(A) R ₃ (A)	
		Lz(A) Denied	ω _ζ (A)	there Is must wait for Ty to release its bod on A
	R, (8)		1,(3) DENIED	there To must wait for To be release its
	w,(B)		Lz(B)GRANT	lock on B
			R3 (8) W3 (8)	
		L ₂ (A) (MANTED L ₂ LB) R ₂ (A)		55, -3
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		Commitz		
	Commit,			
			Corwett ₃	

B. If 2PL enouse conflict serializability, why do we need Strict 2PL? Explain.

We need Strict 2PL in order to attain recoverability.
In a case where we want to about roll-back a transaction, recoverability will allow us to get the original backer; without it, the original back might have been overwitten by another transaction. Strict 2PL guarantees conflict sandizability & Recoverability.

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