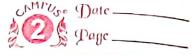


Time stamp Ondering 8-. It is used to order the teransactions based on their timestamps. The order of transada order of the transaction Creation . The Priority of the order transaction is that's why it executes first To the time elemp of the teransaction. This Protocal uses eystem time or logical The lock-based protocal is used to manage The corden between Conflicting fairs among the execution teransactions at timestamp based protocal start loon as a transaction is lets assume there are two suffose TI has entered times and transaction entered the eystem at 009 times The higher privarity so it executes first as it is entered the system first Timestamp Ordering forototal also maintain the timestamp of last nead and write ofenation on Peroto Col & ?) Check the following Condition whenever a teramachion Ti iss 1) oferation: WIS(x) > TS(Ti) then oferation is rejected. W-TS(X) L=TS(T:) then operation · Timestampe of all the date



	Check the following condition whenever a
	$ L_{i} \cap L$
4	11 Ta/T 10 Ta/M 1000
<u></u>	off TS(Ti) W_TS(x) then the operation is negetted
	and Ti is rulled back otherwise the ofereign
·	is executed.
	Where T((Ti) denotes timestamp of Ti
	RTS(x) denotes nead time stam7 of date x
	WIS(x) denotes write time-slamp of date x
,	Advantages And Disadvantages &
	It ensures serializability since the precent
<u>N.S</u>	It ensures serializability since the precedent graph is given as
3 7500	Toransaction with Inansaction with larger TS
y . with a .	Gransaction with Iransaction with larger TS
1 0	It ensures freedom from deadlock that men
-	no transaction ever waits
•	But the echedule may not be necoverable
\\	and may not even be conscade free
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