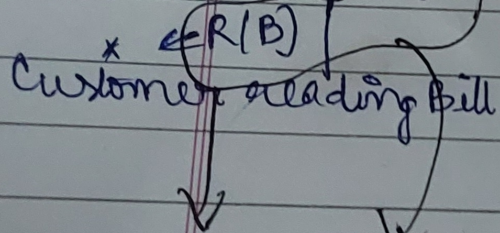
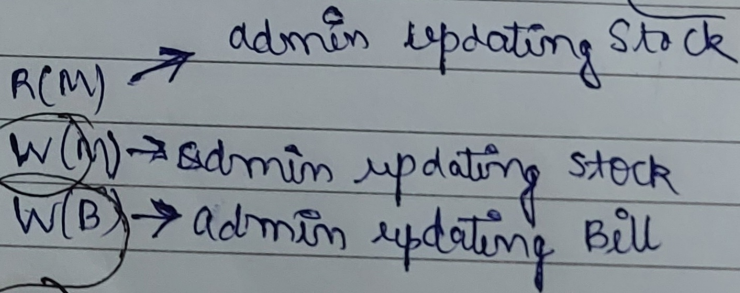
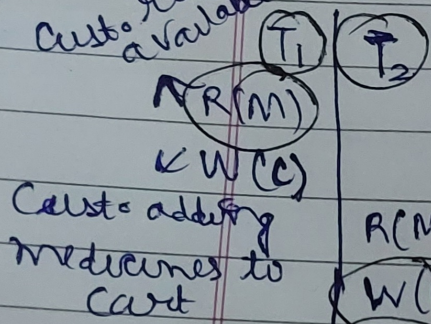


#

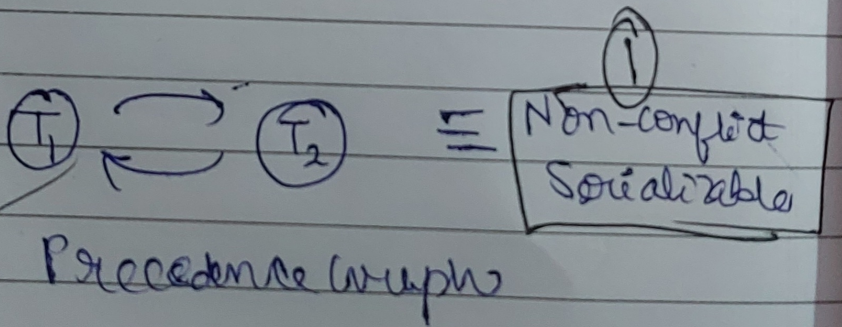
Tables:-

M → med = details (stock)
C → Cust
B → Bill



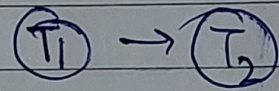
dirty Read

w/o locks
conflict occur



T_1	T_2	
\swarrow S(M) \nwarrow R(M) Shared Lock	\swarrow R(M) \nwarrow R(M)	$\} \rightarrow$ No R-R conflict
\swarrow U _S (M) Unlock Shared	\swarrow U(M)	$C \rightarrow$ card $M \rightarrow$ Medicine Table
\swarrow X(C) \nwarrow R(C) Lock Exclusive	\swarrow X(C) \nwarrow W(C)	
\swarrow U _X (C) Unlock Exclusive	\swarrow X(M) \nwarrow W(M) \nwarrow U _X (M)	$\} \rightarrow$ Exclusive Lock applied so that user can not read Medicine details (M)

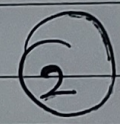
Locks Implemented



Precedence Graph



No loop



Conflict Serializable