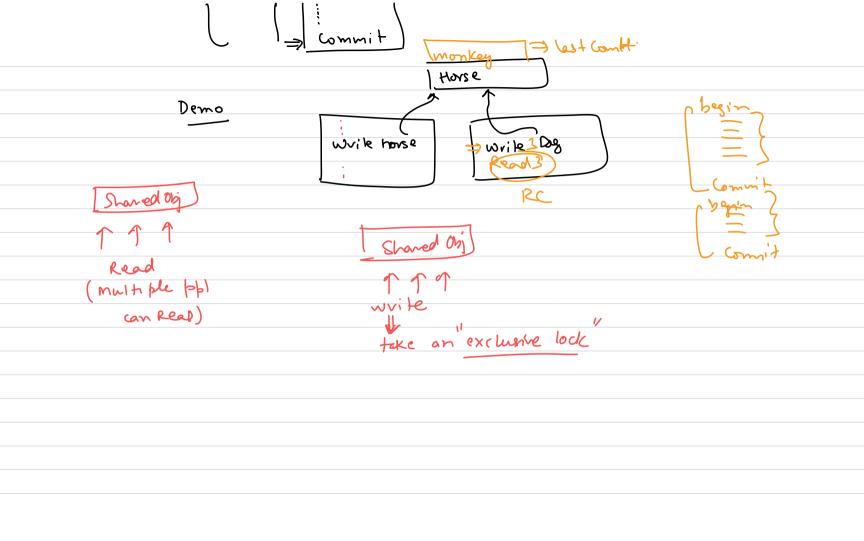
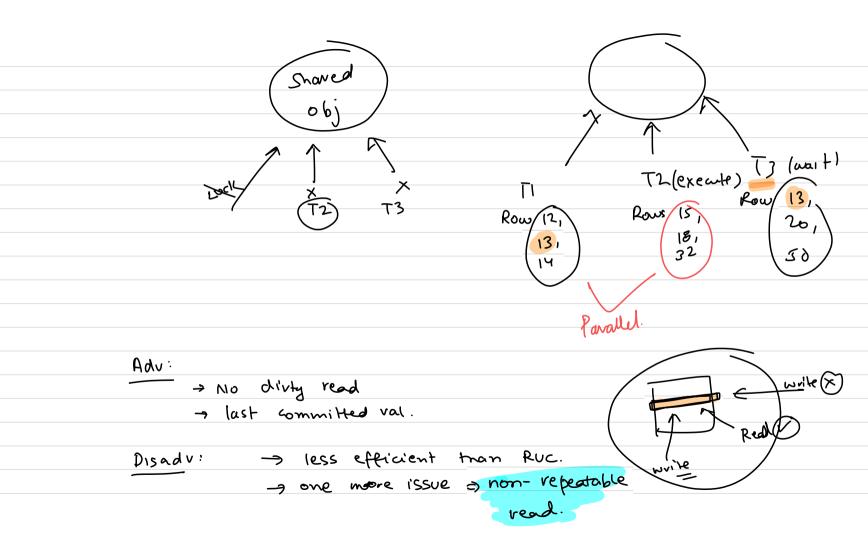


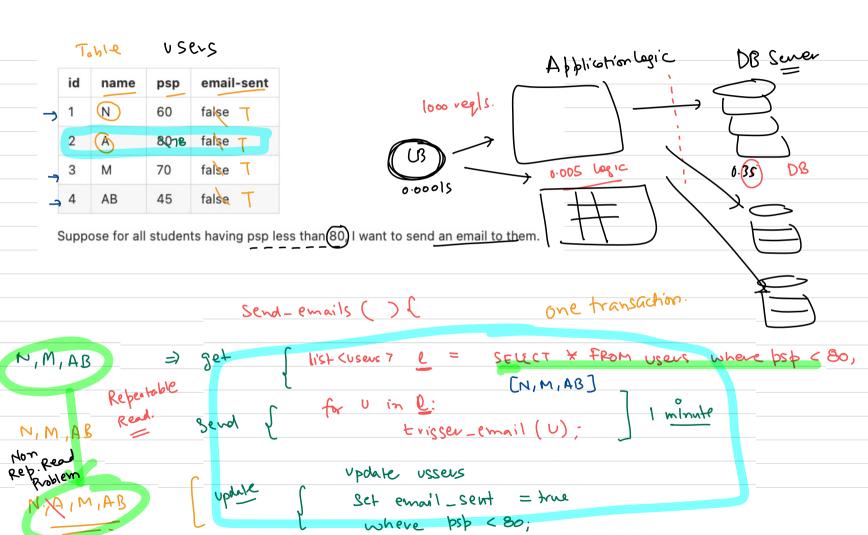
TRANSACTION ISOLATION Levels.

1) Read uncommitted

.) Read Committed





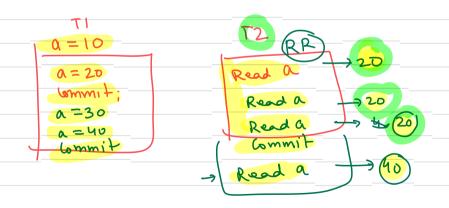


(N,M,AB)

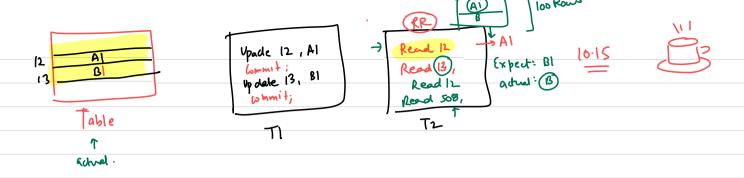
(3) Repeatable Read. (Default isolation in MySQL)

For the very first time, it reads the latest committed value of the current row.

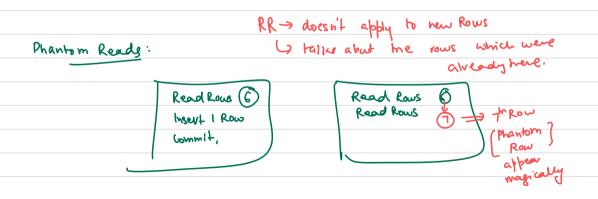
After that, until the transaction completes, it keeps on reading the same value it read the first time.



Snapshot



RR can read from the snapshot (for nearby rows also)
Or can read from the table the latest committed value for the first time, and it will get saved to snapshot along with nearby rows.



Problems

Divty Read 

Non-Repeatable Read 

PhantomRead 

Performance

(RUC) (RC) (RR) Sevictizable

Sevictizable

Sevictizable

Read 121

Read 1213

Write 1213

Write 1213

While TI finished.

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T2