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SAFETY -> No 2 processes decide different values
PAXOS: [VENTUM LIVENESS -> Consensus reached eventually PHINSE-]: Leader Election > if time out or message from next round
Move to next round
PHISE-]: Leader Election if timeout or message from next round
=> Potential leader chooses unique ballot id and send to
→ Potential leader chooses unique ballot id and send to all processes Higher than anything seen
> Processes wast and respond to highest ballet id.
=> Process includes v in the response
=> If Quorum respond ox, then you are the leader
If failed quorum dark next much
Diabeted lead a whater is to be walke
Potenhed leader withdraws if it sees higher value
PHASE-2: Proposol (BILL)
-> Leader sends proposed value V to all
- Leader sends proposed value V to all -use V=V' If some process already declided in
or previous round
-> Recipients log on disk and respond ok
MASE-3: Decision (LAW)
-) It leader has majority of OK, It sends decession to
all recipions
To engine who tu
quoran intersect
Eventual liveness and hence same
Value lesed by now
fails propped fails.