CSC369 Week 10 Notes

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- Deadlock Defined

- Example of Deadlock

- Conditions for Deadlock

- Solutions

- Safe States

- Unsafe States & Algorithm

- What is Atomicity?

- Why would atomicity fail?

- Definitions for Transactions

- How to ensure atomicity in the face of failures?

- Write-ahead logging

- Problems with logging

- Deadlock and Starvation

- Communication Deadlocks

- Livelock