## **CS 268: Project Suggestions**

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## Projects 4-6: OCD Modules (Each Bullet → One Project)

- 1) Packet-level compression
  - Compress packet content / cache most common packets
- 2) Quality of Service
  - Both for outgoing and incoming (i.e., TCP) connections
  - Allow users allocate resources to each type of connection
  - Use weighted round-robin (WRR) or Hierarchical-Fair Service Curve (H-FSC) as scheduler

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- Allow a host behind a symmetric NAT or restrictive firewall behave as a host behind a cone-NAT that can be configured by the user
  - Application example: allow Bittorent clients behind NATs/Firewall run efficiently



















