Push vs Pull: Bi-weekly Update 1

CSC 466 · University of Victoria

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Period covered: 2026-10-10 to 2026-10-24 · **Written:** 2026-11-10

Project site: https://rahilyw.github.io/csc466-push-vs-pull/

This update is late. It was written on November 10, with the midterm update, and still has to be posted on the course thread.

1. Summary

The proposal was submitted on October 10. During this period the experiment was fixed: a ring of Python peers, one writer per key, increasing version numbers, and the same update sequence for push and pull. No testbed code was written before October 24.

2. Progress since last update

Task	Owner	Status	Evidence
Write the project proposal and post it on the course thread	Whole team	Done	Thread post on October 10. PDF: `docs/proposal/CSC466_Push_vs_Pull_Project_Proposal.pdf`
Fix the topology, the workload, and the metrics	Whole team	Done	Proposal sections 3 and 4

3. Results so far

There are no measurements. The repository did not exist yet, so there is no configuration or seed to report.

4. Problems and changes to the plan

The proposal put peer connections in week 1 and push and pull in week 2. Neither had started by October 24. The question, the ring, the workload, and the metrics are unchanged.

5. Plan for the next two weeks

This is the plan as it stood on October 24. The midterm update says what happened instead.

Task	Owner	Target date
Versioned store and connections between neighbours	Team	2026-10-31
Push and pull on a ring of 4 peers	Team	2026-11-07
Check that both modes reach the same final versions	Team	2026-11-07

6. Contributions

Member	Work this period
Rahil Wijeyesekera	Proposal, with the rest of the team. No separate implementation was logged.
Hamzah Banday	Proposal, with the rest of the team. No separate work was logged for this period.
Prabhnoor Singh	Proposal, with the rest of the team. No separate work was logged for this period.
Adithyakrishna Arunkumar	Posted the proposal on the course thread on October 10. Proposal, with the rest of the team.

Anyone whose work from these two weeks is missing should add it before the PDF is posted.