

How many extra days did you use for the project?

A.) 1 week

Given the same goals, how would you complete the project differently if you didn't have any restrictions imposed by the instructor? This could involve using a particular library, programming language, etc. Be sure to provide sufficient detail to justify your response.

A.) We would try using consistent hashing instead of storing chunks on random storage nodes.

Let's imagine that your next project was to improve and extend P1. What are the features/functionality you would add, use cases you would support, etc? Are there any weaknesses in your current implementation that you would like to improve upon? This should include at least three areas you would improve/extend.

A.)

1.) Store backup of data stored on controller in database.

2.) On addition or deletion of storage nodes, load would be redistributed.

3.) Handling large chunk sizes.

Give a rough estimate of how long you spent completing this assignment. Additionally, what part of the assignment took the most time?

A.) 2 weeks. Initial setup for PUT and Replication strategy took the most time.

What did you learn from completing this project? Is there anything you would change about the project?

A.) We learned about DFS and how things are handled behind the scenes.

If you worked as a group, how did you divide the workload? What went well with your team, and what did not go well?

A.) We discussed the design together initially. Then integrated better parts of our Lab2 and Lab3 code considering future limitations. Further, we divided modules and worked on them individually. Coordinating work was challenging, but we managed to pull it off well enough.