Sprint 1 Report

Product: Decentralized Internet
Team: The Distributors
Date: 04/25

Stop Doing	Start Doing	Keep Doing
1. Scheduling meetings the day of because it makes meetings less organized. 2. Meeting so late in the day because many of us have early morning classes and are not very functional at that hour.	1. Iteratively use the SCRUM board so we have a clear understanding of what is happening with the project as the Sprint goes on. 2. Finish tasks incrementally throughout the Sprint rather than doing a lot of work during the last weekend.	1. Being responsive over discord as this creates a great team dynamic and helps answer questions quickly. 2. Clearly dividing tasks and organizing sub-teams as this helps member's work from clashing with each other and provides opportunities for colaboration.

Completed	Not Completed
• Create a Flask server which is capable of inviting nodes to a network and accepting invitations. (1.1) • Create a barebones UI using React that allows users to interact with the Flask server connected to the network. (1.2) • Create a key-value-store that is replicated on each node. (2.1) • Create functionality for nodes to write to the kvs. (2.2) • Ensure that writes to the kvs are causally consistent. (2.3)	• In the UI, add a form where the data can be inputted and a button that writes to the kvs. (2.4) • In the UI, add a form where a key can be inputted and a button that sends a read request to the kvs. (3.4) • Add a place for where the response to the read request can be displayed. (3.5)

- Data written to the kvs should be broadcasted across the network. (3.1) - Create functionality for nodes to read from the kvs. (3.2) - Ensure that no stale reads occur. (3.3)	

8/11 tasks completed