

Sprint 2 Plan

Decentralized Application Framework (DAPPF)

Kirill, Anthony, Garrett, Shishir, Vincent

10/20/21

Completion Date: 11/2/21

Revision Number: 1

Revision Date: 10/20/2021

Goal:

The goal of this sprint is to finish the base functionality of our project, and to add decompression and security.

User Stories:

User story 1 ("As a developer, I would like to connect two nodes")

- Task 1: Let nodes be an open-to-connect node (4 hours)

Total for user story 1: 4 hours

User story 2 ("As a product owner, I would like to secure my user's data")

- Task 1: Write encryption algorithm that encrypts packets of data before they are sent (3 hours)
- Task 2: Write decryption algorithm that decrypts packets of data so that they are readable (3 hours)

Total for user story 2: 6 hours

User story 3 ("As a developer, I would like to reduce data sent")

- Task 1: Write compression algorithm that reduces the amount of data that will be sent (6 hours)
- Task 2: Write decompression algorithm that unravels compressed data into a readable form (5 hours)

Total for user story 3: 11 hours

User story 4 ("As a developer, I would like access to documentation about the framework")

- Task 1: Write website generation algorithm that scrapes data from our codebase, and builds a skeleton (5 hours)

- Task 2: Host website so that our documentation is on display for anyone to see that needs it (4 hours)

Total for user story 3: 9 hours

Team Roles:

Vincent: Team lead, Developer

Kirill: Developer

Anthony: Scrum Master, Developer

Garrett: Developer

Shishir: Developer

Initial Task Assignment:

Vincent:

- User Story: "As a developer, I would like to reduce data sent"
- Task 1

Kirill:

- User Story: "As a developer, I would like to connect two nodes"
- Task 1

Anthony:

- User Story: "As a product owner, I would like to secure my user's data"
- Task 1

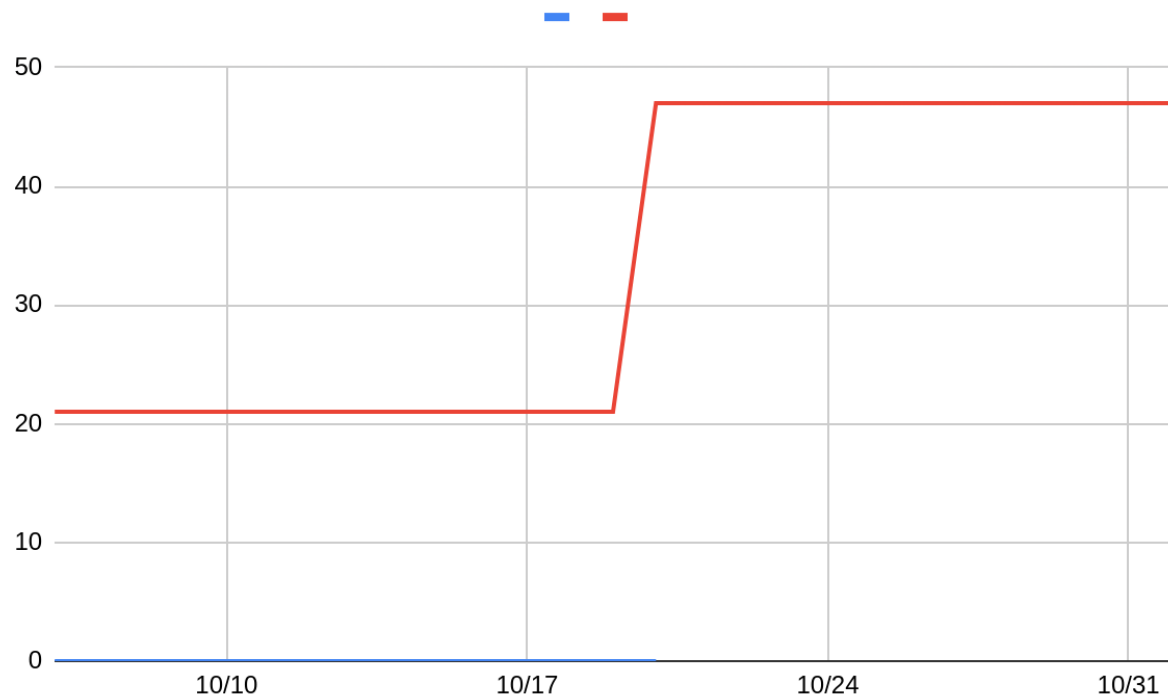
Garrett:

- User Story: "As a developer, I would like access to documentation about the framework"
- Task 1

Shishir:

- User Story: "As a developer, I would like to reduce data sent"
- Task 2

Initial Burnup Chart:



Initial Scrum Board:

User Stories	Tasks Not Started	Tasks In Progress	Tasks Completed
"As a developer, I would like to connect two nodes"		Task 1	
"As a product owner, I would like to secure my user's data"	Task 2	Task 1	
"As a developer, I would like to reduce data sent"		Task 1, Task 2	
"As a developer, I would like access to documentation about the framework"	Task 2	Task 1	

Scrum Times:

Meetings:

- Tuesday at 5pm
- Wednesday at 5pm
- Saturday at 12pm

Scrum meeting:

- Tuesday at 1 pm