

Sprint 4 Plan

Decentralized Application Framework (DAPPF)

Kirill, Anthony, Garrett, Shishir, Vincent

11/17/21

Completion Date: 11/30/21

Revision Number: 2

Revision Date: 11/17/2021

Goal:

The goal of this sprint is to finish up the modules we were working on from sprint 3. Add a data spooler to our project for faster look up times.

User Stories:

User story 1 ("As a developer, I would like to queue potential requests")

- Task 1: Create machine learning algorithm to predict which requests will be needed next (22 hours)
- Task 2: Implement queue system to store the requests that will most likely be used by the system (3 hours)

Total for user story 1: 25 hours

User story 2 ("As a developer, I would like to bind event listeners")

- Task 1: Make the developer able to add an event listener on incoming data (2 hours)

Total for user story 2: 2 hours

User story 3 ("As a developer, I would like to cache my user's data")

- Task 1: Create a cache which keeps requests in memory in the event it can be used again so we don't have to repeatedly calculate the same data (4 hours)

Total for user story 3: 4 hours

User story 4 ("As a developer, I would like to implement runnables")

- Task 1: Create a task pool with a set of tasks which are executed after a delay (2 hours)

Team Roles:

Vincent: Team lead, Developer

Kirill: Scrum Master (Week 2), Developer

Anthony: Developer

Garrett: Developer

Shishir: Scrum Master (Week 1), Developer

Initial Task Assignment:

Vincent:

- User Story: "As a developer, I would like to queue potential requests"
- Task 1

Kirill:

- User Story: "As a developer, I would like to implement runnables"
- Task 1

Anthony:

- User Story: "As a developer, I would like to bind event listeners"
- Task 1

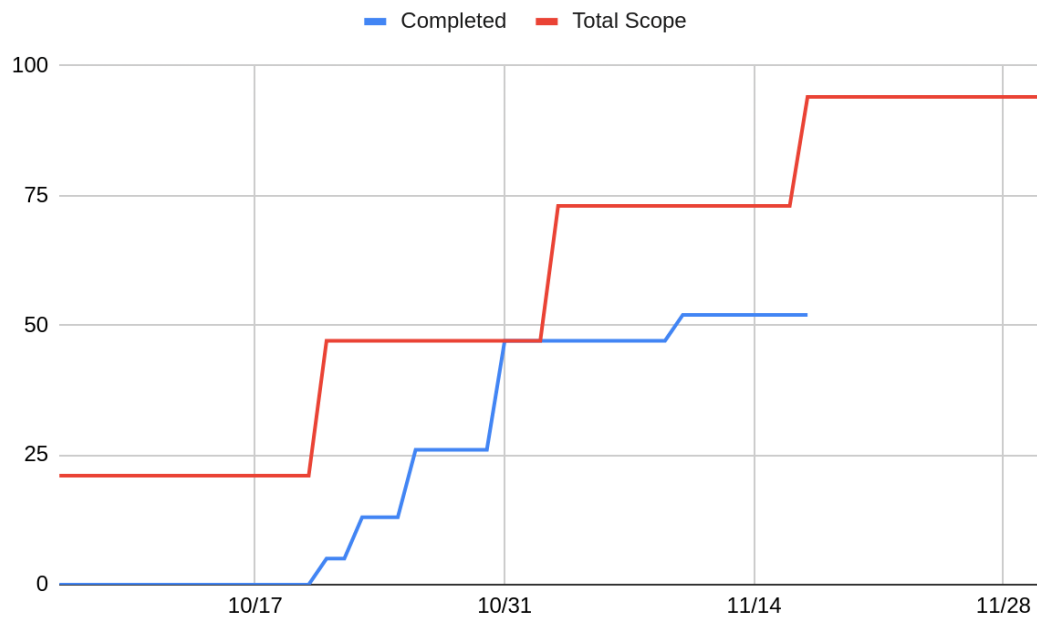
Garrett:

- User Story: "As a developer, I would like to queue potential requests"
- Task 2

Shishir:

- User Story: "As a developer, I would like to cache my user's data"
- Task 1

Initial Burnup Chart:



Initial Scrum Board:

User Stories	Tasks Not Started	Tasks In Progress	Tasks Completed
"As a developer, I would like to queue potential requests"		Task 1, Task 2	
"As a developer, I would like to bind event listeners"		Task 1	
"As a developer, I would like to cache my user's data"		Task 1	
"As a developer, I would like to implement runnables"		Task 1	

Scrum Times:

Meetings:

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

Scrum meeting:

- Tuesday at 1 pm