Sprint 4 Plan

Decentralized Application Framework (DAPPF)
Kirill, Anthony, Garrett, Shishir, Vincent
11/16/21

Completion Date: 11/30/21
Revision Number: 1
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: Test the multithreading has no deadlocks when creating task pool (1 hours)

Total for user story 2: 1 hours

User story 3 ("As a developer, I would like to cache my user's data")
- Task 1: Test that the cache is storing data as intended with no loss (1 hours)

Total for user story 3: 1 hours

User story 4 ("As a developer, I would like to implement runnables")
- Task 1: Test that the runnables are passing functions properly (2 hours)

Total for user story 4: 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 cache my user's data"
- Task 1

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

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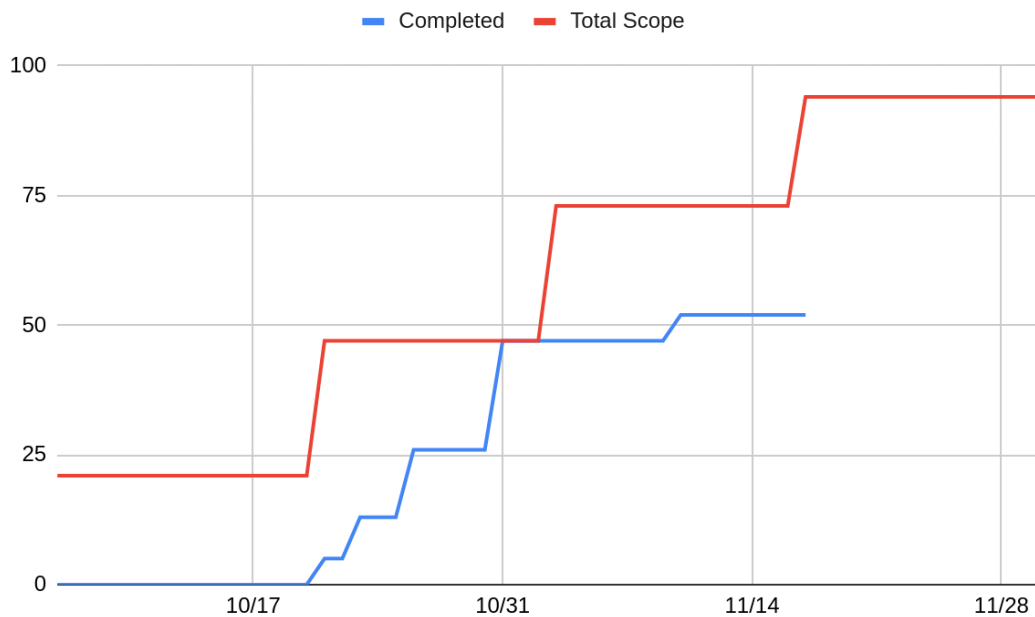- User Story: "As a developer, I would like to bind event listeners"
- Task 1

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 queue potential requests"
- 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