Release Plan

DAPPF
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Revision: 1

High level goals:

- Create a coding infrastructure that allows developers to focus on their end product rather than figuring out how to make computers talk to each other. However, they will not be able to cache requests or have secure and minimal message transfer.
- Documentation website showcasing how to use the framework.
- Allowing the user to use the framework and have minimal and secure transfer of messages.
- Allow users to add tasks to the task pool that will be handled asynchronously.
- Allow users to use the framework and cache requests to speed up processing time of nodes and boost throughput.
- Create a prediction system that caches requests that could be sent next.
- Prototype testing of modules in our framework.
- Continuous integration by testing locally on the system before committing changes to codebase.

User Stories for release:

- Sprint 1
    - (21 Points) “As a developer, I would like to connect two nodes”

- Sprint 2
    - (8 Points) “As a developer, I would like access to documentation about the framework”
    - (13 Points) “As a developer, I would like to reduce data sent”
    - (5 Points) “As a product owner, I would like to secure my user’s data”

- Sprint 3
    - (8 Points) “As a developer, I would like to bind event listeners”
    - (8 Points) “As a developer, I would like to cache my user’s data”
    - (13 Points) “As a developer, I would like to implement runnables”
    - (5 Points) “As a developer, I would like to check the communication packet validity”

- Sprint 4
    - (21 Points) “As a developer, I would like to queue potential requests”

Product Backlog:

- High level goals:
  - Allow users to keep track of nodes they have deployed using a web based application, and see which nodes are online in their system.
- User Stories:
  - “As a developer, I would like to login to node tracking website”
  - “ As a developer, I would like to select from multiple decentralized systems I have running”
  - “As a developer, I would like to see which nodes are in my decentralized system”
  - “As a developer, I would like to see which nodes in my system have crashed and which ones are online”
  - “As a developer, I would like to see live logs of nodes that are running in my decentralized system by selecting them”