

Product Name: Neo-Market

Team Name: 4x2

Team Members:

Alec Felt (SM for Sprint 1)
Colin Dunn
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Release Name: AKB 1.0

Release Date: 03/18/2018

High Level Goals:

1. As a user, I want to be able to undergo transactions with multiple cryptocurrencies.
2. As a developer, we want to be able to create an application leveraging NEO's blockchain.
3. As a developer, use NEO's blockchain to create a marketplace for p2p transactions.
 - a. Craigslist-like marketplace
4. As a user, I would like to interact with a clean, robust, fast interface.
5. As a user, I would like to be abstracted away from as much blockchain complexity as possible but still be able to interact.
6. As a developer, find out what new utilities/features we can provide for the user with NEO's technology.

By the end of the Quarter:

1. Conduct transactions with NEO and one other cryptocurrency
 - a. Store everything into the blockchain
2. Seamless UI with a balance of abstraction and easy manipulation
3. Test net everything
4. Add more features if have time
 - a. For example, be able to add posts.

Sprint 0:

1. (1) Onboarding new members: introductions
2. (8) As a developer, I want to understand the process of how NEO blockchain works.
3. (1) As a developer, I want to set up the frontend and backend teams.
4. (5) As a developer, I want to learn our respective technologies.
5. (13) As a developer, I want to understand the scope of utilities possible when leveraging NEO's pre-existing technologies.
 - a. Wallets
 - b. Transactions
6. (8) Research other projects that have used NEO in their applications
 - a. Link is in City of Zion Github → awesome-neo
 - b. Maybe follow up with Malcom to get those links

Sprint 1: - (starting on 2/1/18)

1. (8) As a developer, learn about NEO and smart contracts.
2. (5) Get a contract written up and deployed onto the test net.
3. (8) Get the layout and wireframe finalized for the web app.
 - a. Figuring out and coding what we want the app to look like.
 - b. How our Wallets will look
 - c. Transaction history
 - d. Posts
4. (8) Research other projects that have used NEO in their applications
 - a. <https://github.com/CityOfZion>
 - b. Maybe follow up with Malcom to get those links
5. (5) As a developer, I want to understand the scope of utilities possible when leveraging NEO's pre-existing technologies.
 - a. Wallets
 - b. Transactions
6. Brainstorm project name

Sprint 2:

1. (13) Focus on integration and interaction with React Front end and Python Contract on the Test net.
2. (13) Post and complete a transaction in NEO.

Sprint 3:

1. (21) Explore another coin to integrate
 - a. If we can, try to do a transaction with that with an exchanging system.
2. (13) Polish Front end, color scheme, logos (Sketch)
3. (13) Implement business logic and analysis on our server

Backlog:

- Anonymity through bulletproofs
- More currencies compatibility
- Categorizing the posts into digital assets, digital services, physical services, etc.
- Modifying smart contracts to adhere to Factory Contracts
 - A contract that will create individual child contracts for posts
- Be able to see what orders you have out there
 - Modification to smart contracts, using a getter function to acquire all posts from a given user ID or address.
 - Child broadcast or callback() to the parent
- Newsfeed
- Project Name