FTGP Group 5: Sprint 4 Report 3rd May)

Sprint 3 Review (Sprint duration 29th April – 3rd May):

Completed work, i.e. which tasks were complete and by who:

During Sprint 4, our main work was to perfect and upgrade the project in development. The main tasks are as follows:

1. Beautify the front-end pages, including more detailed adjustments to layout and colors. Test the completed functions, mainly to make page transitions more logical and add some necessary prompt windows. And completed the development of new features. This part was done by Yuxiang Ge.

2. Continue to perfect the credit mechanism by linking the historical data obtained with the credit mechanism algorithm, and encapsulate necessary components, APIs into the project files. And cooperated with the backend development teammates to complete the development of new functions. This part was completed by Yangshu Wang.

3. Complete the development of the credit mechanism algorithm by looking up relevant literature and referencing similar software. Additionally, cooperate with the front-end development teammates to display the credit score and ensure smooth transmission. And participated in the backend development of the new NFT lending feature. This part was completed by Junyi Tang.

4. Completed the backend development tasks for image transmission and storage. And completed the backend development tasks for NFT lending, and completed the development of new information release functions. Additionally, deployed the completed function code to the blockchain and completed deployment testing. This part was completed by Jingzhou Hu.

Changes, i.e. tasks that have changed/not completed and why:

Building on the completion of last week's tasks, we added NFT lending and information release functions to improve the system's usability and robustness. However, in the development of the information release function module, the information could not be transmitted properly and needs further improvement.

Agreed weekly "Equity share", i.e. how this sprint's work was split:

Equity share: Jingzhou Hu(1), Junyi Tang(1), Yuxiang Ge(1), Yangshu Wang(1)

The overall development tasks are the same as before. Additionally, due to the addition of new features, Jingzhou's backend tasks have increased. The other three teammates will also

assist Jingzhou in completing the backend development and actively participate in tasks such as documentation writing.

Sprint 4 Planning (Sprint duration 22nd – 26th April)

Product Owner:

Jingzhou Hu, responsible for defining the product direction, managing the product backlog, and ensuring that the team understands and executes the tasks.

Scrum Master:

Jingzhou Hu, responsible for ensuring the team follows agile and Scrum practices, assisting team members in removing impediments, and facilitating communication and collaboration within the team.

Sprint Vision:

During Sprint 3, we completed the development of the credit mechanism lending function, including the formulation of the credit mechanism algorithm and the addition of frontend components. Next, we need to focus on completing the frontend and backend development of the newly added NFT collateral lending function and the information release function, as well as the deployment of both frontend and backend. This part of the tasks is expected to be completed by May 3rd. We will also adjust the tasks according to the actual progress.

Sprint Backlog:

Phase 1 (Apr. 29 – May 1): "NFT lending" function development

During the team meeting, the design and conceptualization of the new features were completed. Yuxiang is responsible for adding the "Borrow NFT" page, where users can enter details about the NFT and the loan amount, post the loan, and pass the information to the NFT module under the "Lending" page, displaying the details and adding an entry point for chat functionality. Junyi and Jingzhou will complete the corresponding backend module development. Yangshu is in charge of the preparations before deployment.

Phase 2 (May 1 – May 2): "Chat" function development

Yuxiang is primarily responsible for developing the chat page and the real-time display of chat messages. Jingzhou and Junyi will complete the corresponding backend development. Yangshu will handle the integration of the frontend and backend, among other tasks.

Phase 3 (May 3): Functionality Testing and Frontend/Backend Deployment

1. Frontend Deployment

2. Backend Deployment

3. Test the specific functionality of the final project.