

Sprint 4 Report
CryptoTracker
CryptoTracker Developers
Start of Sprint: March 5, 2018
End of Sprint: March 15, 2018

Actions to Stop Doing:

The team should stop being late to meetings or communicate if they are unable to make it. This is important as being late or not letting others know they are unable to come wastes time as others are expecting everyone to attend.

The team stop prioritizing other things and should be able to make more time with the project. We all have a lot of other classes and other responsibilities, but there needs to be more time put in.

Actions to Start Doing:

The team should schedule more group meetings, so we can keep each other updated and get more work done.

The team should try to document their code more. The team tries to make the code easy and readable, but there can definitely be more documentation. This will help everyone understand the code and how to use it.

The team should communicate even more in Facebook Messenger. The team does communicate well, but we could always communicate more. If we can communicate more, allocating tasks and updating work is much easier.

The team should schedule code days. The team has done a lot of coding without group code days and just allocating tasks to be done individually by tasks, however some people have trouble coding and are still learning. Code days could help other people understand the technologies more and get work done at the same time.

The team should start asking more questions. There is a lot of code and a lot of code that people might not be fully clear on how it works exactly. Asking more questions could help everyone learn about the code, product, and technology.

The team should start coding more. We all code a bit but there could be more we can do. We need to be more diligent and take on more tasks if wanted to finish everything.

The team should work on relevant code and know how to prioritize what tasks to do. The team needs to code and work together, but we need to prioritize code that is needed for user stories only.

Actions to Keep Doing:

We have been good when it comes to meeting up, so we should keep our schedule. Our schedule of meeting up has been very clear and easy to work around.

Learning about and teaching others about technologies are working well, so the team members should continue to help each other to catch up with technologies. Not everyone is caught up with each other in terms of experience with the technologies and tools, but all the members help each other which allows more growth for the team so everyone can learn the technologies.

We implemented more group programming. We think this is the best way to develop and we wished we started sooner. By group programming, we can help each other out, allocate more tasks, and keep track of what everyone is doing.

Work Completed/Not Completed:

We managed to complete every part of the application we wanted, with the exception of the text alerts. Setting up the database took a lot longer than we thought and we prioritized that since text alerts would not be possible without the database in the first place. We created an easy to navigate web application where users can log in, compare cryptocurrencies and purchase them.

Work Completed:

- *User Story 1:* As a developer, I want to have a clean and easy to navigate web application.
- *User Story 3:* As a user, I want to be able to buy the cryptocurrency I am interested in using links on the website .
- *User Story 4:* As a user, I want to be able to compare the different attributes of cryptocurrencies .

Work Not Completed

- *User Story 2:* As a user, I want to be able to get text alerts when my chosen currency reaches a certain price.

Work Completion Rate:

- Number of User Stories Completed in sprint: 3
- Total number of estimated ideal work hours: 4.2 hours per member, 21 hours total
- Total number of Days in sprint: 10
- User Stories per day: 0.3 Stories per day
- Ideal work hours per day: 2.1 hours per day among all members total, .42 hours per day per member
- Number of User Stories Completed across all sprints: 8
- Total number of estimated ideal work hours across all sprints: 16.2 hours per member, 81 hours total
- Total number of days across all sprints: 52
- User Stories per day across all sprints: .15 Stories per day
- Ideal Work Hours per day across all sprints: 1.6 hours per day among all members, .32 hours per day per member