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| **Team Number/ Team Name** | *01/ Demark* |
| **Project title** | *Demark – Decentralized Market For Digital Assets* |
| **How many students are on your team? List the team member’s name** | 4 Vo Hoang Quoc Nhan  Truong Van Ha  Ngo Ha Van Dat  Tran Nhat Phuong |

**Reflection (Required)**

**What challenges did you face while completing this project?**

* The time for offline meeting is too short. Each member has different schedule so we just work primarily via online channel.
* Moreover, we have to find some solution to fix bug on the internet. Very few people know about blockchain so it takes a lot of time to find a right way when we have to face with defects.
* When we tried to use Ethereum and ReactJS to connect each other, a few problems have arisen and I do not know where it is. It also takes time to figure out the solution

**What were the highlights for you/your team during this project?**

* New technology: blockchain. This is a technology that is being used very popular in the world but Vietnam is very little. Our team hope that can apply this for our product because it has some advantages like transparency and decentralized.
* The main point is that we apply it to education, especially in university. I think it will be very practical when our products are put into application.

**If you were to do the project again, what would you do differently?**

* I will focus most on the test case before decide to do somethings. Test case help us have wide and clear view about what we should do.

**What is the most important thing you learned in this project?**

* Nhan, Dat : team working. This always is the important thing when working with others person. Although we already time to work together but when stating doing something new, this job requires different skills and the ability manager team members.
* Ha, Phuong: Process and teamwork. Estimating is also important. Because, I didn’t estimate difficulties of technology and prioritize tasks. We developed Demark by our habit. I think our team should change it.

**What part of the project did you do your best work on?**

* Nhan : Create Token using smart contract. This thing plays the important role when create a website for exchange cryptocurrency because it needs to be secured and have high quality
* Dat : Create database and fix bugs.
* Ha : Working as front-end developer and keeping my team does not go far away our product
* Phuong : Support for my team in manage teamwork job and testing.

**What was the most enjoyable part of this project?**

* Retrospective meeting. This meeting helps us have the view and solution for the next sprint and start to create new strategy

**What was the least enjoyable part of this project?**

* Fix bug. This is horrible time.

**How could you/your mentor(s) change this project to make it better next time?**

* I continue learn about the way some other market manages their token and how to make our site become faster and smoother. Maybe I can change the blockchain network.
* Other way to make our project become better is that we should keep in touch with our mentors and report bug during programming time.
* Coding conventions, refactoring code and optimal code to improve performance of product.

**How did you share this project? (Examples: class or school presentation, guest collaboration, etc.)**

* I can share on my Facebook account. Today a lot of people using this social network and this is the best way to share this project to them. Our project is using to help student paid their fee and get more reward during studying time. So, this is a project which very useful for DTU students.
* Demark is open source project by sharing code on GitHub. Everyone can be a contributor to improve the project and they can clone if they want to refer.