

### **SUPERVISOR'S COMMENTARY**

Student name: Nguyễn Hồ Quốc Bảo                      Id: 19110070              Class: 19110CLA5

Student name: Nguyễn Quốc Hoàng                      Id: 19110128              Class: 19110CLA1

Major: Information Technology

Project name: Build a decentralized NFT marketplace website.

Lecturer: Dr. Nguyễn Thiên Bảo

### **COMMENT**

1. The topic content and workload:

- Theory:

- Research Solidity language, Web3Js, NextJs, Binance Smart Chain Test Net, IPFS, etherJs
- Make a survey of popular websites about NFT Marketplace, find out the strengths and weaknesses of those systems: opensea.io, BinanceNFT.
- Research how to build smart contracts using truffle and oppenzippelin.
- Research how to build user's front-end using NextJs, Vercel.
- Research how to connect front-end with smart contract using web3js and etherJs.

- Experiment:

- Built Front-end using NextJs, smart contract using Solidity.
- Connect between front-end and smart contract using web3Js.
- Connect between front-end and database using NextJs
- Deploy smart contracts to Binance Smart Chain Test Net.
- Deploy user's application to vercel.
- Successfully build an NFT marketplace website with full basic and advanced functions.

- Link:

- Github: <https://github.com/qhoangf/My-dapp>
- Front-end: <https://bh-trading.vercel.app/>
- NFT Smart contract:  
<https://testnet.bscscan.com/address/0x72bE3b77d298c42954611D624064917e8EA96B17>

- Marketplace smart contract:  
<https://testnet.bscscan.com/address/0x61058E43a2e213B308A21F6f53cCB259ca719aab>

2. Advantages:

- Project:
  - Including basic and advanced functionalities.
  - User friendly interface and easy to use.
  - Convenient trading and minting NFT.
  - High security smart contracts
- Group:
  - Effective communication and teamwork.
  - Dividing the work equally for each member
  - Good self-study ability

3. Disadvantages:

- Project:
  - Responsive web is not really optimized.
  - Technology is too new to be accessible to all users.
- Group:
  - No flexibility in meeting the instructor
  - Time for completing project of each person in group is not adequate

4. Recommend for defending or not?

.....  
 .....  
 .....

5. Grade: .....

6. Mark: .....

*Ho Chi Minh, 25/12/2022*

Reviewer

*(Sign, write full name)*