**SOCIALIST REPUBLIC OF VIETNAM**

**Independence - Freedom – Happiness**

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**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>

1. 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

1. 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

1. Recommend for defending or not?

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5. Grade: ..........................................................................................................................

6. Mark:……………………………………………………………………………….

*Ho Chi Minh, 25/12/2022*

Reviewer

*(Sign, write full name)*