Project name:	[C2VN]: Cardano blockchain courseware in Universities
Project ID:	1200002

Courware review meeting notes

Date: Jan 22, 2025
Time: 20:30
Members: Dr Luyen, Dr. Phong, Ms. Hong Hoa, Ms. Viet Hung

Purpose: Review all draft courseware and share the findings

Findings list:

- Update information on blockchain platforms: The textbook should update information on the development of new blockchain platforms beyond Bitcoin and Ethereum. For example, Cardano, Solana, and other platforms also make significant contributions to the blockchain ecosystem. It is necessary to add information about the features, advantages, and disadvantages of each of these platforms.

- Clarify concepts: Some concepts such as "tokenomics" may be difficult for beginners to understand. The textbook needs to provide clear definitions and more specific illustrative examples for these concepts.

- Update information on token types: The textbook needs to update information on new types of tokens such as asset-backed tokens and stablecoins. It is necessary to clearly explain the roles and applications of each type of token in the blockchain ecosystem.

- Analyze challenges in more detail: The challenges of scalability, energy consumption, governance, legal issues, and social acceptance need to be analyzed in more detail, including solutions being researched and implemented to address these challenges

- Diversify application examples: The textbook should add more practical application examples of blockchain in different fields besides finance, such as supply chain management, healthcare, voting, and e-government. This will help readers better understand the potential applications of blockchain technology

- Explain digital signatures more clearly: The textbook should clarify how digital signatures work in blockchain, including the roles of private and public keys. It needs to be explained in an easy-to-understand way so that readers can grasp the security mechanism of digital signatures.

- State the role of hash functions clearly: The textbook needs to explain more clearly the role of hash functions in ensuring the integrity of data. It is necessary to provide specific examples of how hash functions are used in practice.

- Add examples of Zero-Knowledge Proofs (ZKP): The explanation of ZKP can be clarified by providing more visual and easy-to-understand examples, such as the example of the socialist millionaire problem.

- Clarify the role of wallets: The textbook needs to clarify the importance of wallets in managing cryptocurrency assets It is necessary to clearly explain the differences between different types of wallets49.

- Analyze NFTs in more detail: There needs to be a deeper analysis of the legal aspects and risks associated with NFTs, along with the opportunities they offer.

- Add content about Decentralized Autonomous Organizations (DAOs): The textbook should introduce DAOs and their role in blockchain governance. It is necessary to explain how DAOs work and give examples of notable DAOs.

- Update legal regulations: The textbook needs to update information on the latest legal regulations related to blockchain and cryptocurrency around the world and in Vietnam.

- Increase interactivity: Discussion questions and practical exercises should be added to increase interactivity and help readers better understand the concepts.

- Use easy-to-understand language: The textbook needs to use easy-to-understand language and avoid overly complex technical terms, especially in the introduction and explanation sections of basic concepts.

These suggestions are aimed at making the textbook more comprehensive, easy to understand, and useful for learners. Continuous updating and improvement is essential to ensure that the textbook always keeps up with the rapid development of blockchain technology