CONTEXTUALIZATION OF MY LEARNING

This module focuses on understanding development platforms that offer essential tools and software development kits (SDKs) tailored for building applications on blockchain technology. By delving into these platforms, students gain insights into the diverse range of tools available to streamline the development process and enhance the functionality of blockchain applications. Moreover, the module explores the significance of SDKs in simplifying complex blockchain functionalities and facilitating seamless integration with existing systems. Through hands-on exploration and practical exercises, learners develop proficiency in utilizing these development platforms to create innovative blockchain solutions. Ultimately, the module aims to equip students with the knowledge and skills needed to navigate the landscape of blockchain development platforms effectively, empowering them to leverage these tools in building robust and scalable blockchain applications.

General objective

UNIT 5

- Provide participants with a comprehensive understanding of blockchain technology, including its fundamental concepts, development platforms, and practical applications.

- Equip learners with the knowledge and skills necessary to comprehend the underlying principles of blockchain, utilize development platforms and tools effectively, and develop innovative applications on blockchain networks.

SKILLS TO DEVELOP

- Linguistic competence.

- Pragmatic competence.

- Sociolinguistic competence.

Linguistic competence:
Learners can develop a strong understanding of the language and terminology specific to blockchain technology. This includes being able to comprehend and effectively communicate concepts such as smart contracts, Ethereum Virtual Machine, cryptocurrency, and blockchain development platforms. They will acquire the vocabulary and language skills necessary to navigate discussions, documentation, and resources related to blockchain development.

Pragmatic competence:
Learners can develop the ability to apply their understanding of blockchain concepts in practical scenarios. This involves the capacity to interpret and implement smart contracts, utilize development platforms and tools to build blockchain applications, and troubleshoot issues that may arise during the development process. Additionally, learners will develop problem-solving skills by applying blockchain principles to real-world use cases and addressing challenges in blockchain application development.

Sociolinguistic competence:
Learners can develop an awareness of the social and cultural factors that influence the adoption and implementation of blockchain technology. This includes understanding the role of blockchain in various industries and its impact on economic, social, and ethical dimensions. Learners will also explore the dynamics of blockchain communities and ecosystems, gaining insights into collaboration, governance, and consensus-building within decentralized networks. Additionally, they will develop the ability to articulate the potential benefits and challenges of blockchain technology to diverse stakeholders, considering different perspectives and contexts.

UNIT 6: Learning about development platforms that provide tools and software development kits (SDKs) for building applications on blockchain

Execution time: 4 hours.

APPROACH OF THE SESSION

1) Introduce the technology idiom of the day.

2) Introduce vocabulary of the reading "Open source blockchain platforms".

3) Reading: "Open source blockchain platforms"

4) Multiple-choice questions about the previous reading

5) Matching activity about the previou video.

6) Pre-reading: Crossword about the reading "Building Tomorrow: Exploring Blockchain Development Platforms"

7) Reading: "Building Tomorrow: Exploring Blockchain Development Platforms"

8) Matching heading activity about the previous reading.

9) Multiple choice activity.

10) True/false activity about the previous text.

11) Socialize keywords of the reading "How to Develop Blockchain Application: A Comprehensive Guide"

12) Reading: "How to Develop Blockchain Application: A Comprehensive Guide"

13) Multiple-choice questions about the previous text.

MATERIALS

-Reading: "Open source blockchain platforms"

-Reading: "Building Tomorrow: Exploring Blockchain Development Platforms"

-Reading: "How to Develop Blockchain Application: A Comprehensive Guide"