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Course Title: Software Design

Course Code: CPE314

Instructor: Ms. Ma. Ara Lovela G. Pahutan, LPT

Group number: 1

Name of Student: Madrigallos, Ryan Q.

Year and Section: BSCPE-3B

Term: 1st Sem

Date: November 16, 2023

Activity 1

E-Learning Evolution: A Comprehensive Study of Online Learning Libraries

Instruction: Discuss the progress of your system and provide a photo of your system. Additionally, include photos of your groupmates performing their assigned tasks.

Our "E-Learning Library" project has made significant progress in line with our strategic plan and the goals set in Chapters 1 and 2 of our thesis. We've achieved major milestones in conceptualization, theory, and prototype development. However, a key challenge remains in creating the program's foundational database, which is crucial for our prototype's functionality. While we've addressed various aspects, this database gap needs extra attention. The progress report emphasizes the practical and strategic aspects of our prototype's development, ensuring a unified approach to the project. We understand the project's context and objectives, as outlined in Chapters 1 and 2. Yet, the report stresses the importance of tackling the database generation issue to make our program complete and effective. Although we've made significant theoretical and



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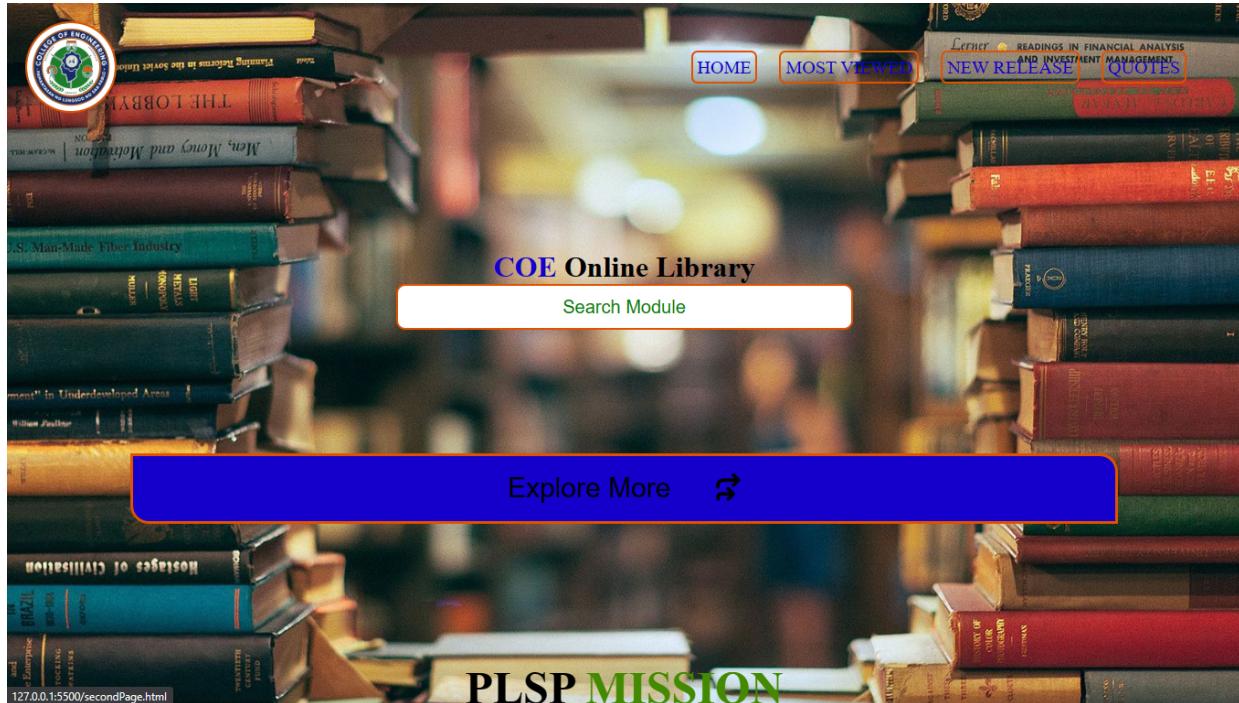
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conceptual progress, the practical implementation, especially in database generation, requires focused efforts. Bridging this gap is essential for the overall success of our project.

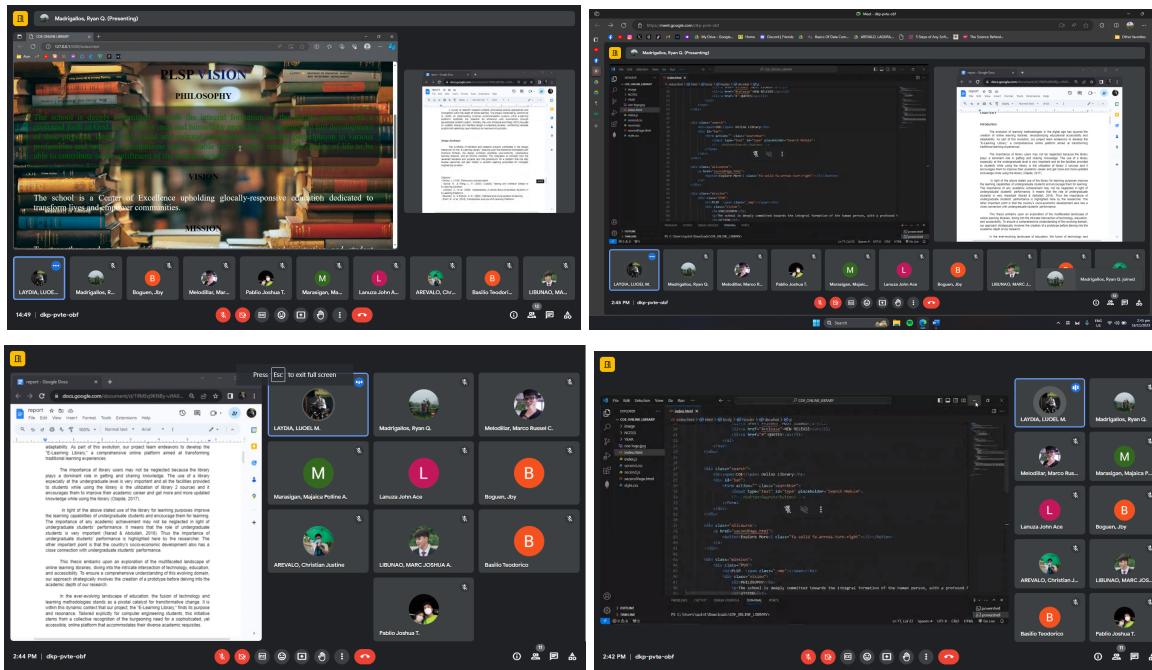


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E-Learning Evolution: A Comprehensive Study of Online Learning Libraries

E-Learning Evolution and the "E-Learning Library" Initiative

CHAPTER 1

Introduction

The evolution of learning methodologies in the digital age has spurred the creation of online learning libraries, revolutionizing educational accessibility and adaptability. As part of this evolution, our project team endeavors to develop the "E-Learning Library," a comprehensive online platform aimed at transforming traditional learning experiences.

The importance of library users may not be neglected because the library plays a dominant role in getting and sharing knowledge. The use of a library especially at the undergraduate level is very important and all the facilities provided to students while using the library is the utilization of library 2 sources and it encourages them to improve their academic career and get more and more updated knowledge while using the library (Olajide, 2017).

In light of the above stated use of the library for learning purposes improve the learning capabilities of undergraduate students and encourage them for learning. The importance of any academic achievement may not be neglected in light of undergraduate students' performance. It means that the role of undergraduate students is very important (Narad & Abdullah, 2016). Thus the importance of undergraduate students' performance is highlighted here by the researcher. The other important point is that the country's socio-economic development also has a close connection with undergraduate students' performance.

CHAPTER 2

Review of Conceptual Literature

In exploring the conceptual underpinnings of online learning libraries and educational technology, key foundational works provide critical insights. Works by Vygotsky (1978) on the zone of proximal development and Dewey's (1916) theories on experiential learning form the bedrock of educational theories emphasizing personalized and interactive learning environments. Additionally, Salomon and Perkins (1998) delve into the role of technology in fostering meaningful learning experiences, contributing significantly to the conceptual framework guiding the "E-Learning Library" project.

Review of Literature

A comprehensive examination of literature surrounding online learning libraries and their efficacy in educational settings reveals seminal studies. Smith et al. (2015) conducted a comparative analysis of various e-learning platforms, emphasizing the importance of user-centric design and accessibility. Furthermore, Zhang and Nunamaker (2003) explored collaborative learning in online environments, shedding light on the significance of fostering interactive platforms for student engagement and knowledge sharing.

The importance of the university library is mentioned that university library is important not only for students but also for teachers and even community members and it plays a dominant role in the promotion of quality education. Because of its unique role in the university system, the library plays a vital part in determining the quality of a university. Lance (2005) also highlighted the role of the library in light of a professionally trained school library and mentioned the way how to use it and also