

Investigation of the Role of Learning Management Systems in Education Based on the Internet of Things

Reyhaneh. Fatehi¹, Moslem. Cherabin^{2*}, Mohammad. Karimi², Ahmad. Zendehei²

¹ Ph.D Student, Management Department, Neyshabur Branch, Islamic Azad University, Neyshabur, Iran

² Assistant Professor, Management Department, Neyshabur Branch, Islamic Azad University, Neyshabur, Iran

* Corresponding author email address: Moslemch2015@gmail.com

E d i t o r

Stefano Vinaccia^{id}
Profesor de psicología Universidad
del SINU, Montería, Colombia
Vinalpi47@hotmail.com

R e v i e w e r s

Reviewer 1: Mohammad Salehi^{id}
Associate Professor, Department of Educational Management, Sari Branch, Islamic Azad University, Sari, Iran. Email: drsalehi@iausari.ac.ir
Reviewer 2: Sadegh Maleki Avarsin^{id}
Associate Professor, Department of Educational Sciences, Tabriz Branch, Islamic Azad University, Tabriz, Iran. Email: s.maleki@iaut.ac.ir

1. Round 1

1.1. Reviewer 1

Reviewer:

Abstract Clarification: The abstract mentions, "This paper addresses the significance of IoT technology in education particularly in enhancing the efficiency of teaching and learning." Consider elaborating on the specific aspects of teaching and learning efficiency that IoT enhances, providing concrete examples.

The introduction states, "Technology has become a basic necessity driving educational and learning centers toward their future goals and visions." This statement would benefit from references to specific studies or reports that highlight how technology is driving these changes.

The paper briefly mentions the role of IoT in education but lacks a comprehensive literature review. Including a detailed review of previous studies on IoT applications in educational settings would strengthen the background section.

In the section "IoT and LMS," the terms "electronic learning" and "distance learning" are used. Ensure consistent use of terminology throughout the paper to avoid confusion.

The proposed IoT-enhanced LMS framework is introduced but not thoroughly explained. Consider providing

Authors uploaded the revised manuscript.

1.2. Reviewer 2

Reviewer:

In the "Implementation of the Experimentation Section," the description of the Robotic Arm Package, Arduino Lab Controller Package, and Remote Service Package is quite technical. Adding a flowchart or diagram to visualize these components and their interactions would be beneficial for comprehension.

The section on "Privacy and Feasibility" states, "Installing cameras to monitor instructors and students during lectures is generally considered intrusive and impractical." This is a critical point and warrants further discussion on how privacy concerns can be mitigated while still benefiting from IoT technologies.

Authors uploaded the revised manuscript.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.