Cloud Enabled *e*-glossary System: A Smart Campus Perspective

Musaddiq Majid Khan Al-Nadwi[1], Nadia Refat[1], Nafees Zaman[3],
Md Arafatur Rahman[1,2], Md Zakirul Alam Bhuiyan[4],
Ramdan Bin Razali[1]

[1] University Malaysia Pahang, 26300, Kuantan, Malaysia.
[2]IBM, Center of Excellence, UMP, Gambang,
musaddiq@ump.edu.my, atoshi.refat@gmail.com,
arafatur@ump.edu.my, ramdan@ump.edu.my
[3] International Islamic University Malaysia, 53100, Selangor, Malaysia.
zamannafees@gmail.com
[4] Department of Computer and Information Sciences,
Fordham University, NY, USA, mbhuiyan3@fordham.edu

Abstract. Smart campus is a recent idea in the development of information and communication technology, being a combination of cloud computing, Internet of Things (IoT) and other emerging technologies. This paper demonstrates the result of our research efforts using IoT technology for the development of a smart campus, which also assures the improvement of vocabulary knowledge of

under supervision through cloud computing. The quantitative research method is applied to validate the proposed system that provides the positive outcome. Therefore, it is an important research finding for vocabulary learning that can contribute to the building of smart campus exploiting the *e*-learning technologies.

Keywords: Cloud Computing; IoT; e-Learning; Vocabulary Learning.