Cloud computing for building effective information systems in Higher Education

# Introduction

The literature review depicts the importance and impact of cloud computing for building effective information systems in Higher Education.

# Problem Statement

Should higher educational institutes depend on cloud computing to build a cost/security effective information System?

# Topics of Discussion

The following topics will assist in the literature review:

1. Dynamic scalability and its importance (Bouyer & Arasteh, 2014)

2. Security (Paradeshi, 2014)

3. Cost-Benefit (Winter, 2017)

a. Types of services and cost

4. Example of difference in cost of the system (including OP-EX and CAP-EX) for hosted and cloud <Azure>

5. Conceptual model for cloud adoption. (Sabi et al., 2016)

# References:

Bouyer, A.& Arasteh, B. (2014) The Necessity of Using Cloud Computing in Educational System. Available from: <https://www.sciencedirect.com/science/article/pii/S1877042814043687> [Accessed 1 March 2022]

Paradeshi, V.H. (2014) Cloud Computing for Higher Education Institutes: Architecture, Strategy and Recommendations for Effective Adaptation. Available from: <https://www.sciencedirect.com/science/article/pii/S221256711400224X> [Accessed 1 March 2022]

Sabi, H.M., Uzoka, F.E., Langima, K. & Njeh, F.N. (2016) Conceptualizing a model for adoption of cloud computing in education. Available from: <https://www.sciencedirect.com/science/article/pii/S0268401215001115> [Accessed 1 March 2022]

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