M.Sc in Software Engineering

Dissertation Declaration Form

Student Name: Tejas Jagannatha   Student ID: 2213487

Supervisor Name: Salim Saay

Dissertation Title: Educational Collaboration System_for School

Dissertation Topic(4-5 Lines):

How to develop an Educational Collaboration system for school that would be used to share data or files between 2 different institutions using flask framework where python is used as backend ,frontend would be HTML,CSS,JS , AJAX etc and database used would be mongodb or mysql.

Core Academic Papers to date (At least 3):

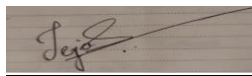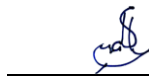| |
|---|
| Title: XMDD as Key Enabling Technology for Integration and Organizational Collaboration: Application to E-Learning Based on NRENs |
| Reference: S. Saay, T. Margaria "XMDD as Key Enabling Technology for Integration and Organizational Collaboration: Application to E-Learning Based on NRENs", Advances in Science, Technology and Engineering Systems Journal, vol. 6, no. 3, pp. 213-230 (2021). |
| Relevance to Topic: We aim to design a domain-specific service-oriented e-learning system for systematic data integration and service brokering between different e-learning systems in NRENs |
| Title: Evolving Process Views |
| Reference: Eshuis, Rik & Norta, Alex & Roulaux, Raoul. (2016). Evolving Process Views. Information and Software Technology. 80. 10.1016/j.infsof.2016.08.004. |
| Relevance to Topic: This paper aims to develop an approach for propagating changesfrom an internal, private process to its public process view, such that the internalprocess and its process view remain consistent. |
| Title: An architecture for e-learning infrastructures on a national level: a case study of the Afghanistan Research and Education Network |
| Reference: *An architecture for e-learning infrastructures on a national level: A ...* (no date). Available at: https://www.inderscienceonline.com/doi/abs/10.1504/IJIL.2018.088790 (Accessed: February 28, 2023). |

Relevance to Topic: Different architectures includes traditional e-learning systems, service-oriented cloud computing such as the service-oriented architecture (SOA) and a service-oriented cloud computing architecture (SOCCA).
Title:
Reference:
Relevance to Topic:

Student Signature: Date:_01/03/2023_____

Supervisor Signature: Date: 01/03/2023_____