

Long Lamai community ICT4D E-commerce system modelling: an agent oriented role-based approach

ABSTRACT

This paper presents the post-mortem report upon completion of the Long Lamai e-commerce development project. Some weaknesses with regards to the current software modelling approach are identified and an alternative role-based approach is proposed. We argue that the existing software modelling technique is not suitable for modelling, making it difficult to establish a good contract between stakeholders causing delays in the project delivery. The role-based approach is able to explicitly highlight the responsibilities among stakeholders, while also forming the contract agreement among them leading towards sustainable ICT4D.

Keyword: Long Lamai community; ICT4D; E-commerce system modeling; E-commerce