Universiti Teknologi MARA

Forum for Unifield International College (e-forum4U)

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STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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ABSTRACT

E-learning is referring as the electronic educational technology that combines learning and teaching. Forum is part of e-learning tools that have many benefits such as increased interaction time after class and improved communication where students are able to experience communicate with friends using forum. However, Unifield International College (UIC) is a case study that does not implying forum in e-learning. Currently they still learning in the classroom with limited time face to face interaction and still rely on informal communication such as instant messaging. In addition, students might be able to have miscommunication with their lecturers and having difficulties in delivery information regarding on the important information and knowledge such as spot questions for examination. Thus, Forum for Unifield International College (e-forum4U) is developed to improve their learning environment by providing an alternative way for communication and implement forum for their online learning. The theory that being used is Learning Management System (LMS) which is an online portal for lecturers and students to connects between each other. Adapted Waterfall Model of System Development Life Cycle (SDLC) is implemented to guide the whole process of the development e-forum4U. This model consists of four phases which are Analysis, Design, Implementation and Testing. The system has been tested in term of functionality, usability and interface design of the system by three experts and thirty respondents. There are six constructs and six items for each construct. The overall result shows the highest mean from all constructs is 4.02 which is consistency (SD=0.69). In conclusion, e-forum4U will provide the best solution to manage the problem faced by Unifield International College.

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