Universiti Teknologi MARA

Mobile Learning Application for Children Using Effective E-Learning Pedagogy Model with Analyzer Based on Bayesian Theorem Concept (MoLAC) – Learning Module

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ABSTRACT

Mobile Learning Application for Children Using Effective E-Learning Pedagogy Model with Analyzer (Learning Module) or also known as MoLAC is the application developed for children to learn basic knowledge such as numbers, shapes, colours and alphabets electronically. This application was develop for the Android platform which is the platform that most people user in the world nowadays. This MoLAC application was implemented using the Pedagogy Theorem to make the learning process in the application more interactive to the user which is children with the age between 3 to 6 years old. MoLAC was developed according to the Software Development Life Cycle which enhances the development phases in the application. After the Learning Module of MoLAC application was built successfully, it will be combined with the Analyzer Module which specifically analyzes the development of the children. MoLAC application especially the Learning Module has its own features which are specifically for learning process of the users to the basic knowledge. The features in the Learning Module are Registration, Pre-Test and Tutorials. From the features of the application, children not only can have the interactive learning process in the application, but their parents also can know the activities of the users while using the application via emails that are sent by the application. During the evaluation of the project, MoLAC application has been tested by the 20 respondents and through survey done using questionnaires, it was observed that majority of the respondents gave positive feedbacks.

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