

New Education Model for Sri Lanka in the Post Covid-19 Pandemic Era Using UML

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ABSTRACT

Providing quality education is one of the key sustainable development goals (SDGs) adopted by United Nations, which is a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity. In the current context, all the UN member countries have implemented necessary action to achieve SDGs by 2030. Accordingly, Sri Lanka is also moving towards SDGs with a specific focus on enhancing the quality of education. This paper aims to present a conceptual model for a new education system for Sri Lanka in the post Covid-19 pandemic era. Here in, a conceptual model has been proposed using an object-oriented approach and unified modeling language (UML). In this Framework functional and static views of the system is also presented and use case diagrams and activity diagrams have been used to explore predefined functional requirements of the system, while class diagram have been used to explore the static view of the system.

Keywords: E-learning; Online education;; Post Covid-19 pandemic era; Unified Modelling Language;

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