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## **AIDE – Adaptive Instructional Design Model for E-learning**

### Abstract

Today, the new teaching and learning environment are changing because of an active usage of information technology. However, no matter how much technology becomes the essential element in learning, instructional designer has to consider the most appropriate methods to support an effective learning.

The primary goal of instructional design is to guarantee the quality of online learning services by using technology-based instruction. In other words, the instructional design should be able to promote, facilitate, inspire deep learning and promote innovative students services through the active and engaging use of educational technologies. Instructional designers are those who evaluate learning needs, objectives and develop and effective delivery system (1)

The **AIDE (Advance Instructional Design Model for E-learning)** is the framework which was developed in accordance with the ADDIE model and DISC behavior model. Its goal is to provide the educator with framework that can help them develop more effective e-learning system. The simulation of AIDE implementation is given and the prototype that simulate how to improve the system design by using AIDE also present in this report.

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### Introduction

E-learning is defined in “Training and Instructional Design” as a type of learning that provides support through the use of technology. E learning could be either supplementary for students in blended mode classroom or another step forward into the total online mode. (1)

### Instructional System Design

There are more than 100 different ISD models, but almost are based on generic “ADDIE” model, which stands for Analysis, Design, Development, Implementation, and