# MISSIONS AND ACTIVITIES OF PROJECT MANAGER FOR DEVELOPING E-LEARNING SYSTEMS

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**Abstract-** The purpose of this paper is to give guidelines to the project manager about the missions and activities during developing e-learning systems. Project management is divided into general project management and technical project management. This paper examines several instructional design models such as ADDIE(Analysis, Design, Development, Implementation, and Evaluation), algorithmic-heuristic, minimalism, rapid e-learning model and it presents the characteristics of each model for developing e-learning systems.
We select the ADDIE model because it is very generic and very yet successful. This paper presents the guidelines such as missions and activities to be conducted by the project manager in each stage for developing the e-learning systems in a general project management.
There are a couple of categories such as cost management, schedule management, communication management, quality management, human resource management, scope management and risk management skills in the technical project management. This paper presents the guidelines such as missions and activities to be conducted by the project manager for developing e-learning systems in the technical project management.
The expected contributions of this paper as follows;
First, it is possible to be a cost-effective and reasonable project management for developing e-learning system. Second, it will be useful for the intended project management as a project manager, not intention of the developer for developing e-learning systems. Third, this paper can be used as the basis for project management guidelines when developing e-learning systems. Fourth, this paper will be able to use efficiently and effectively to project management the ACU (ASEAN Cyber University) project.

**Key words-** Missions and Activities of Project Manager, Project Management, E-Learning Systems

## I. RESEARCH GENERAL

### 1.1. Introduction to ACU project
The background of ACU project as follows: (i) promotion of international capabilities in ASEAN members, (ii) empower ASEAN countries to play active roles in knowledge-based societies, (iii) the leaders of ASEAN agreed to continue to explore the possibility of establishing an ACU at the 12th ASEAN-ROK summit.

In addition, the objectives of the ASEAN project as follows: (i) to promote cooperative relationships between the Cambodia, Laos, Myanmar, Vietnam, and Korea, (ii) to strengthen the education capability in partner's country, (iii) to establish and operate a cyber university in ASEAN countries, (iv) to reduce the education and information gap between ASEAN member states, (v) to contribute the formation of strategic partnership" between ASEAN member states and Korea.

### 1.2. Background and Objectives
The ACU project is one of the long-term and complicated e-learning project. That is the reason why it is necessary to do the project management efficiently and effectively. However, it is very difficult to find guidelines for the missions and activities of project manager when we develop the e-learning systems. Therefore, we need to study that combines e-learning systems and project management skills.

The objectives of this paper as follows; (i) we want to do cost-effective and reasonable project management for developing e-learning systems, (ii) we want to do project management by the intention of the project manager, not intention of the developer for developing e-learning systems, (iii) we want to provide the basis for project management guidelines when we develop the e-learning systems.

### 1.3. Previous Research on E-learning Systems and Project Management
Previous research of e-learning is mainly the following topics: assessment methods, blended and collaboration e-learning, course design, e-testing and new test theories, intelligent tutoring system, e-learning H/W&S/W, joint degree, standard and interoperability, etc. Previous research of project management is mainly the following topics: N/W modeling, project scheduling, resource management, due-date management, project risk management, applications, tools, and machine scheduling, etc. The research on the mission and activities of project manager for developing e-learning systems is very