

**DEVELOPMENT OF AN E-LEARNING SYSTEM FOR NETWORK
MANAGEMENT FOR CAVITE STATE UNIVERSITY**

An Undergraduate Thesis
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ABSTRACT

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The Development of an e-Learning System for Network Management for Cavite State University was developed to provide an online education for the students who are enrolled in the subject. The will help the students in learning process by giving an alternative way of gaining knowledge in the Network Management subject.

The researchers used the Feature Driven Development as paradigm in the development of the system. It consists of five (5) phases: Development of an Overall Model, Build a Feature List, Plan by Feature, Design by Feature, and Build by Feature.

The e-Learning system was developed under XAMPP, where in Apache used as the server, MYSQL for the database, HTML and PHP as the scripting languages, CSS and JavaScript for the design and animation. Additional application software used is Adobe Photoshop CS6 for image designing and editing, Microsoft Office Word 2010 for documentation, and Google Chrome as the default web browser.

The system was evaluated by, the respondents based on the given criteria: Functionality, Reliability, Usability, Efficiency, Maintainability and Portability. Evaluators were composed of professors from the Department of Information Technology and students from BS Information Technology who already taken the network management subject. The system passed all the given criteria in the evaluation and met all the aimed features and functionality as well as the requirements and its objectives.

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