FACULTY OF SCIENCE
CHIANG MAI UNIVERSITY

Title : Web Application Development Project for Unilamp Company

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Type of presentation* *(choose 1)* : ☐ Oral Presentation

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☑ **Cooperative Education**

ABSTRACT

This cooperative education project details the development of a modern web application for Unilamp Company, a platform designed to showcase lighting products and company operations. The client's previous website suffered from design limitations and inefficient back-end management. To address these issues, a new system was engineered using the Next.js framework for the frontend and a WordPress Content Management System (CMS) for the backend. Key technical contributions included translating Figma designs into a functional user interface and implementing a data serializer for the WordPress API. The resulting application successfully delivered a user-friendly experience and streamlined back-end operations, eliminating the need for technical specialists to manage the platform.

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**The abstract can be more than one page and <u>must be approved</u> by project advisor before upload.