

# The Development of Information System for Management of Nursing Student's Activities, Faculty of Nursing, Prince of Songkla University

## The Old Way: Management of nursing student's activities



**Redundant Processes**



**Risk of Data Loss**

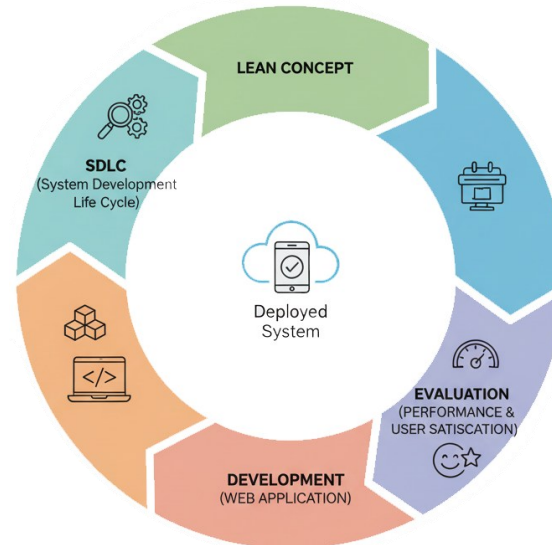


**Tracking Delays**

This research develops a web-based information system to replace medical terminology learning notebooks and improve management of nursing student's activities systems. It reduces redundancy, delays, and data loss, enables real-time tracking and reporting, and evaluates system performance and user satisfaction.

## Methodology

The development of the system was carried out by applying the Lean concept to minimize redundant processes and eliminate waste, while the system development life cycle (SDLC) framework was adopted to systematically guide the stages of analysis, design, implementation, testing, and deployment. The outcome was a web application. After development, the system performance was evaluated and user satisfaction was assessed.



The web application system is a crucial tool for managing and tracking the learning outcomes of nursing students, with a key feature being its ability to manage data comprehensively, from collection and processing to report generation.

