

ABSTRACT

PT Kuda Laut Nusantara is a customs clearance services company (PPJK) responsible for managing import documents such as Bill of Lading, Packing List, and Import Declaration (PIB). The recording and reporting of customs documents are still conducted manually using spreadsheets and separate files, leading to difficulties in data access, lack of transparency, and potential errors in information processing. Additionally, supervisors require a more systematic reporting system to monitor the status of ongoing document processing. This final project presents a web-based internal information system designed to manage customs documents and streamline the reporting process. The application was developed using the ICONIX Process method, consisting of the requirements, analysis/preliminary design, detailed design, and implementation phases. It utilizes PHP with the CodeIgniter 3 framework for front-end and back-end development and MySQL as the database management system. The application includes modules for user management, import document processing, and report generation. Testing was conducted using the Black-box Testing method, following predefined use case scenarios. The results indicate that all application features function correctly according to user requirements in managing customs clearance documents at PT Kuda Laut Nusantara.

Keywords : Information System, Customs, ICONIX *Process*, CodeIgniter, Black-box Testing