

ABSTRACT

In the era of globalization and digitalization, the logistics industry must adopt the latest technologies to remain competitive. PT TransTRACK, a logistics technology company, has developed a Logistic Service Integrator (LSI) using the Nuxt 2 framework, which will reach its End Of Life on December 31, 2023. This poses risks in terms of security, compatibility, and potential dependency hell. To address these issues, migrating LSI to the latest actively supported framework is necessary to enhance the performance and security of the application. The purpose of this research is to migrate LSI from Nuxt 2 to a newer framework that is actively supported by the developer community, as well as to improve application performance through performance optimization and better dependency support. The development method used is the scrum methodology. The conclusion of this research indicates that the internship activities involving this migration project have provided relevant industry insights and practical skills. As a result, the LSI application was successfully migrated to the latest framework, thereby expected to minimize dependency hell and improve application performance.